		OURCES MINING		FOR					
APPLI	CATION FOR	PERMIT TO DRILL			1. WELL NAME and	NUMBER CWU 1490-26D			
2. TYPE OF WORK DRILL NEW WELL	REENTER P8	A WELL DEEPE	N WELL		3. FIELD OR WILDO	CAT NATURAL BUTTES			
4. TYPE OF WELL Gas We		ed Methane Well: NO			5. UNIT or COMMUNITIZATION AGREEMENT NAME CHAPITA WELLS				
6. NAME OF OPERATOR	EOG Resou				7. OPERATOR PHONE 435 781-9111				
8. ADDRESS OF OPERATOR), Vernal, UT, 84078			9. OPERATOR E-MA		es.com		
10. MINERAL LEASE NUMBER	_ast mg.ma, re		12. SURFACE OWN	-					
(FEDERAL, INDIAN, OR STATE) UTU0282) FEE (1)	FEDERAL INDIAN STATE FEE 14. SURFACE OWNER PHONE (if box 12 = 'fee')							
13. NAME OF SURFACE OWNER (if box 12	= 'fee')				14. SURFACE OWN	ER PHONE (if box 1	.2 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box	12 = 'fee')				16. SURFACE OWN	ER E-MAIL (if box 1	12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME		ION FROM	19. SLANT						
(if box 12 = 'INDIAN')		YES (Submit Co	ommingling Applicati	on) NO	VERTICAL DIF	RECTIONAL 📵 HO	ORIZONTAL 🗍		
20. LOCATION OF WELL	FO	OTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE	337 FN	L 1501 FWL	NENW	26	9.0 S	22.0 E	S		
Top of Uppermost Producing Zone	199 FS	L 1597 FWL	SESW	23	9.0 S	22.0 E	S		
At Total Depth	199 FS	L 1597 FWL	SESW	23	9.0 S	22.0 E	S		
21. COUNTY UINTAH		22. DISTANCE TO NE	EAREST LEASE LIN 199	E (Feet)	23. NUMBER OF AC	RES IN DRILLING	UNIT		
		25. DISTANCE TO NE (Applied For Drilling		AME POOL	26. PROPOSED DEPTH MD: 9375 TVD: 9325				
27. ELEVATION - GROUND LEVEL 4910		28. BOND NUMBER	NM2308		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-225				
		АТ	TACHMENTS						
VERIFY THE FOLLOWING	ARE ATTACH	ED IN ACCORDANC	CE WITH THE UT	TAH OIL AND	GAS CONSERVATI	ON GENERAL RU	JLES		
WELL PLAT OR MAP PREPARED BY	LICENSED SUR	VEYOR OR ENGINEER	сом	PLETE DRILLING	G PLAN				
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGRE	EMENT (IF FEE SURFA	ACE) FORM	1 5. IF OPERATO	R IS OTHER THAN T	HE LEASE OWNER			
DIRECTIONAL SURVEY PLAN (IF DI	RECTIONALLY	OR HORIZONTALLY	№ торо	GRAPHICAL MA	Р				
NAME Mary Maestas	TITL	E Regulatory Assistant		PHONE 303 8	24-5526				
SIGNATURE	DAT	E 12/07/2009		EMAIL mary_	maestas@eogresource	s.com			
API NUMBER ASSIGNED 43047508400000		Boll	egill						
	Perm	it Manager							

API Well No: 43047508400000 Received: 12/7/2009

	Proposed Hole, Casing, and Cement										
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)							
Surf	12.25	9.625	0	2300							
Pipe	Grade	Length	Weight								
	Grade J-55 ST&C	2300	36.0			Г					

API Well No: 43047508400000 Received: 12/7/2009

	Proposed Hole, Casing, and Cement										
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)							
Prod	7.875	4.5	0	9375							
Pipe	Grade	Length	Weight								
	Grade N-80 LT&C	9375	11.6								

MULTI-WELL PAD:

CWU 1487-26D, CWU 1488-26D, CWU 1489-26D, CWU 1490-26D, CWU 1491-26DNE/NW, SEC. 26, T9S, R22E, S.L.B.&M..

UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

	CWU 14	87-26D	CWU 14	88-26D	CWU 14	89-26D	CWU 1490-26D	
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1304	1316	1303	1315	1301	1309	1299	1309
Birdsnest	1603	1628	1607	1632	1616	1637	1621	1639
Mahogany Oil Shale Bed	2191	2243	2205	2257	2219	2271	2215	2246
Wasatch	4541	4642	4565	4669	4592	4701	4580	4630
Chapita Wells	5132	5233	5154	5257	5182	5291	5172	5222
Buck Canyon	5792	5893	5818	5922	5850	5960	5844	5894
North Horn	6482	6583	6515	6618	6548	6657	6527	6577
KMV Price River	6936	7037	6977	7081	7008	7117	6977	7027
KMV Price River Middle	7789	7890	7821	7924	7845	7954	7822	7872
KMV Price River Lower	8586	8687	8616	8719	8641	8750	8619	8669
Sego	9082	9183	9113	9216	9145	9254	9125	9175
TD	9280	9381	9315	9418	9345	9454	9325	9375
ANTICIPATED BHP (PSI)	5067		508	36	510)2	509)1

	CWU 14	91-26D						
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1302	1310						
Birdsnest	1610	1625						
Mahogany Oil Shale Bed	2200	2229						
Wasatch	4552	4605						
Chapita Wells	5143	5196						
Buck Canyon	5817	5870						
North Horn	6489	6543						
KMV Price River	6932	6986						
KMV Price River Middle	7787	7840						
KMV Price River Lower	8585	8638						
Sego	9086	9140						
TD	9285	9339						
ANTICIPATED BHP (PSI)	BHP (PSI) 5070					•		

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

MULTI-WELL PAD:

CWU 1487-26D, CWU 1488-26D, CWU 1489-26D, CWU 1490-26D, CWU 1491-26D

NE/NW, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Rating Collapse	Rating Burst	Tensile
Conductor	20"	40 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 ¼"	0 - 2,300'±	9 %"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface – TD	4 ½"	11.6#	N-80	LTC	6350 PSI	7780 PSI	223,000#

Note: 12 1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/6" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

0' - 2300'± Air/Air mist/Aerated water

or

A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.

MULTI-WELL PAD:

CWU 1487-26D, CWU 1488-26D, CWU 1489-26D, CWU 1490-26D, CWU 1491-26D

NE/NW, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5-10.5 ppg depending on actul wellbore conditions encountered while drilling.

2300'± - TD

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 - Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- o EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Loas: None

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

CBL/CCL/VDL/GR

MULTI-WELL PAD:

CWU 1487-26D, CWU 1488-26D, CWU 1489-26D, CWU 1490-26D, CWU 1491-26D

NE/NW, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 150 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂,

3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 135 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk.,

5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6

ppg, 1.18 ft³/sk., 5.2 gps water.

Note: The above number of sacks is based on gauge-hole calculation

Lead volume to be calculated to bring cement to surface.

Tail volume to be calculated to bring cement to 500' above the shoe.

Production Hole Procedure (2300'± - TD)

Lead: 130 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 920 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant),

mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

MULTI-WELL PAD:

CWU 1487-26D, CWU 1488-26D, CWU 1489-26D, CWU 1490-26D, CWU 1491-26D

NE/NW, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

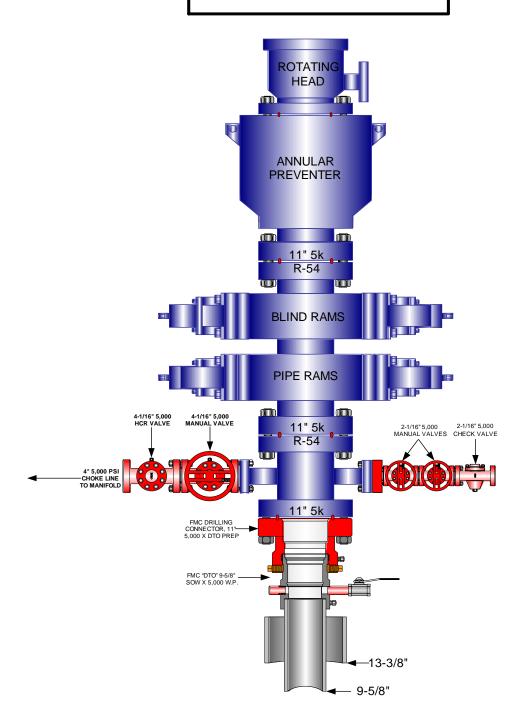
13. Air Drilling Operations:

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

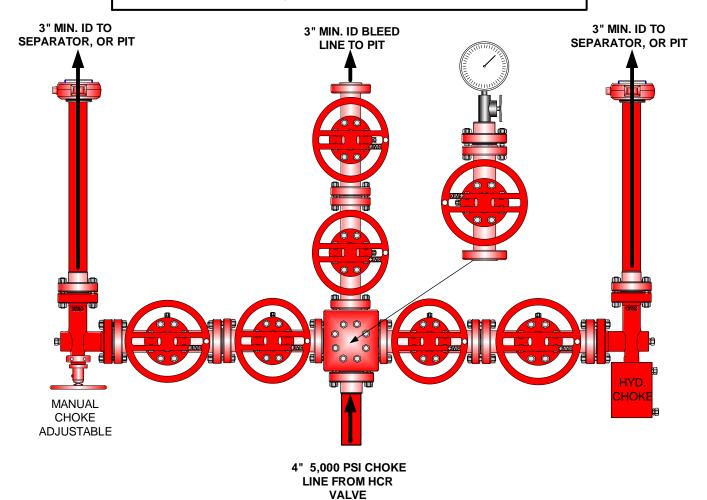
EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 0F 2



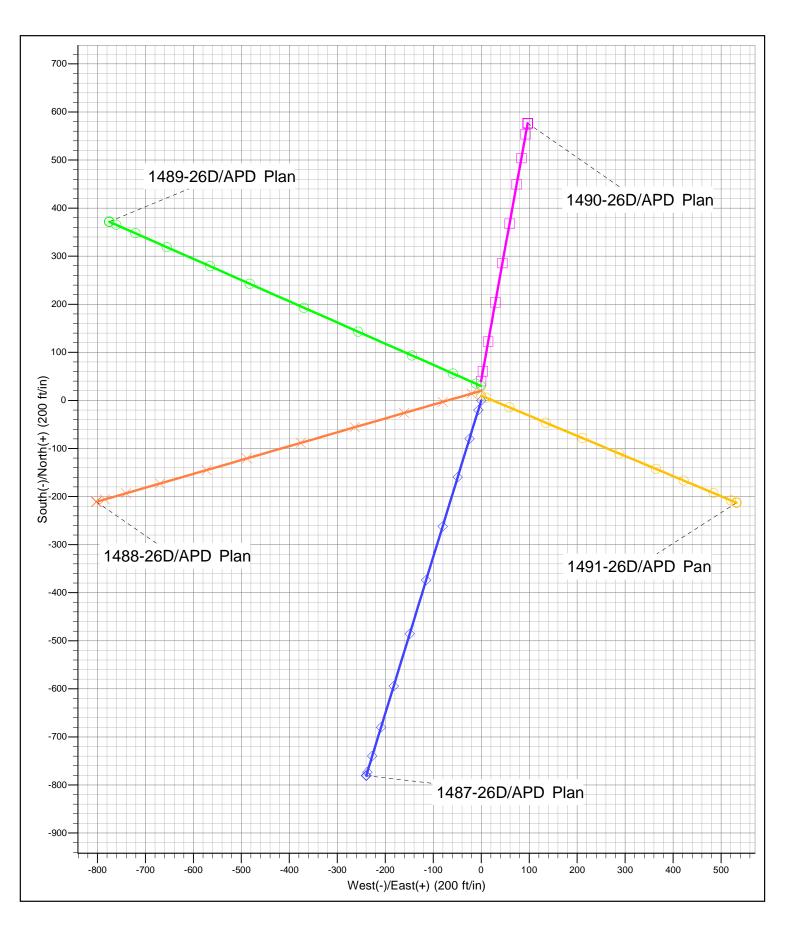
Testing Procedure:

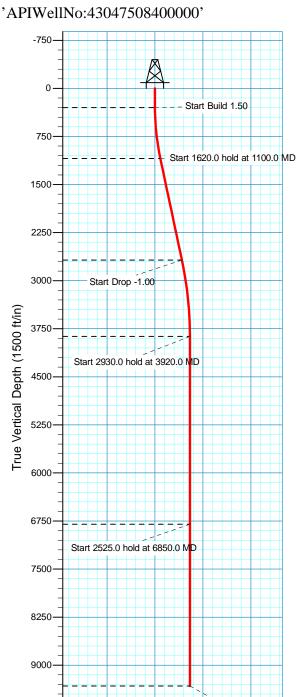
- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

CWU 1487-26D, CWU 1488-26D, CWU 1489-26D CWU 1490-26D, CWU 1491-26D

NE/NW, SEC. 26 T9S, R22E, S.L.B. & M. UINTAH COUNTY, UTAH







9750

-750

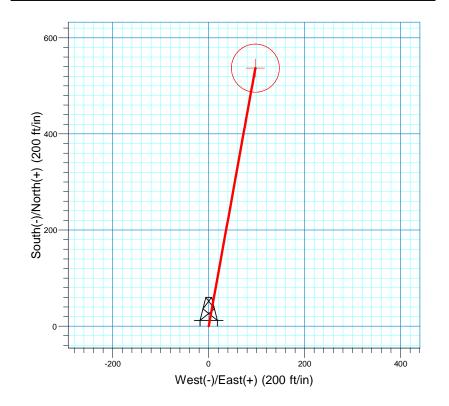


CWU 1490-26D

Section 26 T9S R22E **Uintah County, UT**

Surface Location

NAD 1927 (NADCON CONUS) Utah North 4301 RIG @ 4929.0ft (TRUE 34) Ground Elevation: 4910.0 Easting Latittude Longitude Northing 109°24' 38.375 W 0.0 -109546.61 2585310.73 40°0' 48.050 N



Project: T9S-R22E Sec 26

Site: CWU 1487-1491 26D (Pad B1_CWU 914-26) Well: 1490-26D Plan: APD Plan

TD at 9375.0

1500

750

Vertical Section at 10.27° (1500 ft/in)

Azimuths to True North Magnetic North: 11.30°

Magnetic Field Strength: 52592.0snT Dip Angle: 65.96° Date: 4/17/2009 Model: IGRF200510

						SECTION	DETAILS					
	Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target	
	1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	-	
	2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0		
	3	1100.0	12.00	10.27	1094.2	82.1	14.9	1.50	10.27	83.5		
	4	2720.0	12.00	10.27	2678.8	413.6	74.9	0.00	0.00	420.3		
	5	3920.0	0.00	0.00	3870.0	536.8	97.2	1.00	180.00	545.5		
	6	6850.0	0.00	0.00	6800.0	536.8	97.2	0.00	0.00	545.5	CWU 1490-26E)
	7	9375.0	0.00	0.00	9325.0	536.8	97.2	0.00	0.00	545.5		
TARGET DETAILS												
Name	TV	D +1	N/-S	+E/-W	Northing	E	Easting		Latitude		Longitude	Shape
CWU 1490-26D	6800.	0 53	36.8	97.2	-109007.67	2585	395.04	40° 0	' 53.353 N	109°24	' 37.125 W	Circle (Radius: 50.0)



Denver Division - Utah

T9S-R22E Sec 26 CWU 1487-1491 26D (Pad B1_CWU 914-26) 1490-26D

Wellbore #1

Plan: APD Plan

Standard Survey Report

10 September, 2009



EOG Resources

Survey Report

Company: Denver Division - Utah
Project: T9S-R22E Sec 26

Site: CWU 1487-1491 26D (Pad B1_CWU 914-26)

Well: 1490-26D
Wellbore: Wellbore #1
Design: APD Plan

Local Co-ordinate Reference:

 TVD Reference:
 RIG @ 4929.0ft (TRUE 34)

 MD Reference:
 RIG @ 4929.0ft (TRUE 34)

North Reference: True

Survey Calculation Method: Minimum Curvature

Database: EDM 2003.21 Single User Db

Well 1490-26D

Project T9S-R22E Sec 26

Map System: US State Plane 1927 (Exact solution)

Geo Datum: NAD 1927 (NADCON CONUS)

Map Zone: Utah North 4301

act solution) System Datum: Mean Sea Level

Site CWU 1487-1491 26D (Pad B1_CWU 914-26)

Northing: -109,593.18 ft Site Position: Latitude: 40° 0' 47.599 N 2,585,270.29 ft From: Lat/Long Easting: Longitude: 109° 24' 38.909 W 0.0 ft Slot Radius: Grid Convergence: **Position Uncertainty:** 1.38 °

Well 1490-26D **Well Position** +N/-S 0.0 ft Northing: -109,546.61 ft Latitude: 40° 0' 48.050 N +E/-W 0.0 ft Easting: 2,585,310.73 ft Longitude: 109° 24' 38.375 W 0.0 ft ft Ground Level: 4,910.0 ft **Position Uncertainty** Wellhead Elevation:

Wellbore #1 Wellbore Magnetics **Model Name** Sample Date Declination Dip Angle Field Strength (°) (°) (nT) IGRF200510 4/17/2009 11.30 65.96 52,592

Design APD Plan **Audit Notes:** Version: **PROTOTYPE** Tie On Depth: 0.0 Phase: **Vertical Section:** Depth From (TVD) +N/-S +E/-W Direction (ft) (ft) (ft) (°) 0.0 0.0 0.0 10.27

 From (ft)
 To (ft)
 Survey (Wellbore)
 Tool Name
 Description

 0.0
 9,375.0
 APD Plan (Wellbore #1)
 MWD
 MWD - Standard

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	1.50	10.27	400.0	1.3	0.2	1.3	1.50	1.50	0.00
500.0	3.00	10.27	499.9	5.2	0.9	5.2	1.50	1.50	0.00
600.0	4.50	10.27	599.7	11.6	2.1	11.8	1.50	1.50	0.00
700.0	6.00	10.27	699.3	20.6	3.7	20.9	1.50	1.50	0.00
800.0	7.50	10.27	798.6	32.2	5.8	32.7	1.50	1.50	0.00
900.0	9.00	10.27	897.5	46.3	8.4	47.0	1.50	1.50	0.00
1,000.0	10.50	10.27	996.1	62.9	11.4	64.0	1.50	1.50	0.00
1,100.0	12.00	10.27	1,094.2	82.1	14.9	83.5	1.50	1.50	0.00
1,200.0	12.00	10.27	1,192.0	102.6	18.6	104.3	0.00	0.00	0.00



EOG Resources

Survey Report

TVD Reference:

Company: Denver Division - Utah

Project: T9S-R22E Sec 26

Site: CWU 1487-1491 26D (Pad B1_CWU 914-26)

Well: 1490-26D
Wellbore: Wellbore #1

Local Co-ordinate Reference:

Well 1490-26D

RIG @ 4929.0ft (TRUE 34)

MD Reference: RIG @ 4929.0ft (TRUE 34)

North Reference: True

Survey Calculation Method: Minimum Curvature

ellbore: esign:		lbore #1) Plan			Survey Ca Database:	alculation Meth	od:	Minimum Curva EDM 2003.21 S					
anned Survey	,												
Measur Depth (ft)		Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)			
	0.00	12.00	10.27	1,289.8	123.0	22.3	125.1	0.00	0.00	0.00			
1,40	0.00	12.00	10.27	1,387.6	143.5	26.0	145.8	0.00	0.00	0.00			
1,50	0.00	12.00	10.27	1,485.4	164.0	29.7	166.6	0.00	0.00	0.00			
1,60	0.00	12.00	10.27	1,583.2	184.4	33.4	187.4	0.00	0.00	0.00			
	0.00	12.00	10.27	1,681.1	204.9	37.1	208.2	0.00	0.00	0.00			
	0.00	12.00	10.27	1,778.9	225.3	40.8	229.0	0.00	0.00	0.00			
1,90	0.00	12.00	10.27	1,876.7	245.8	44.5	249.8	0.00	0.00	0.00			
2,00	0.00	12.00	10.27	1,974.5	266.3	48.2	270.6	0.00	0.00	0.00			
2,10	0.00	12.00	10.27	2,072.3	286.7	51.9	291.4	0.00	0.00	0.00			
2,20	0.00	12.00	10.27	2,170.1	307.2	55.7	312.2	0.00	0.00	0.00			
2,30	0.00	12.00	10.27	2,267.9	327.6	59.4	333.0	0.00	0.00	0.00			
2,40	0.00	12.00	10.27	2,365.8	348.1	63.1	353.8	0.00	0.00	0.00			
2.50	0.00	12.00	10.27	2,463.6	368.5	66.8	374.5	0.00	0.00	0.00			
	00.0	12.00	10.27	2,561.4	389.0	70.5	395.3	0.00	0.00	0.00			
	00.0	12.00	10.27	2,659.2	409.5	74.2	416.1	0.00	0.00	0.00			
	20.0	12.00	10.27	2,678.8	413.6	74.9	420.3	0.00	0.00	0.00			
	00.0	11.20	10.27	2,757.1	429.4	77.8	436.4	1.00	-1.00	0.00			
	0.00	10.20	10.27	2,855.4	447.7	81.1	454.9	1.00	-1.00	0.00			
	0.00	9.20	10.27	2,954.0	464.2	84.1	471.8	1.00	-1.00	0.00			
	0.00	8.20	10.27	3,052.8	479.1	86.8	486.9	1.00 1.00	-1.00 -1.00	0.00			
	0.00	7.20 6.20	10.27 10.27	3,151.9 3,251.2	492.3 503.8	89.2 91.3	500.3 512.0	1.00	-1.00	0.00 0.00			
	0.00	5.20	10.27	3,350.7	513.6	93.0	521.9	1.00	-1.00	0.00			
	0.00	4.20	10.27	3,450.4	521.6	94.5	530.1	1.00	-1.00	0.00			
	0.00	3.20	10.27	3,550.2	528.0	95.7	536.6	1.00	-1.00	0.00			
	0.00	2.20	10.27	3,650.1	532.6	96.5	541.3	1.00	-1.00	0.00			
3,80	0.00	1.20	10.27	3,750.0	535.5	97.0	544.2	1.00	-1.00	0.00			
3,90	0.00	0.20	10.27	3,850.0	536.7	97.2	545.5	1.00	-1.00	0.00			
3,92	20.0	0.00	0.00	3,870.0	536.8	97.2	545.5	1.00	-1.00	0.00			
4,00	0.00	0.00	0.00	3,950.0	536.8	97.2	545.5	0.00	0.00	0.00			
	0.00	0.00	0.00	4,050.0	536.8	97.2	545.5	0.00	0.00	0.00			
4,20	0.00	0.00	0.00	4,150.0	536.8	97.2	545.5	0.00	0.00	0.00			
4.30	0.00	0.00	0.00	4,250.0	536.8	97.2	545.5	0.00	0.00	0.00			
	0.00	0.00	0.00	4,350.0	536.8	97.2	545.5	0.00	0.00	0.00			
	0.00	0.00	0.00	4,450.0	536.8	97.2	545.5	0.00	0.00	0.00			
	0.00	0.00	0.00	4,550.0	536.8	97.2	545.5	0.00	0.00	0.00			
4,70	0.00	0.00	0.00	4,650.0	536.8	97.2	545.5	0.00	0.00	0.00			
4 2	0.00	0.00	0.00	4,750.0	536.8	97.2	545.5	0.00	0.00	0.00			
	00.0	0.00	0.00	4,850.0	536.8	97.2	545.5	0.00	0.00	0.00			
	00.0	0.00	0.00	4,950.0	536.8	97.2	545.5	0.00	0.00	0.00			
	00.0	0.00	0.00	5,050.0	536.8	97.2	545.5	0.00	0.00	0.00			
	0.00	0.00	0.00	5,150.0	536.8	97.2	545.5	0.00	0.00	0.00			
	0.00	0.00	0.00	5,250.0	536.8	97.2	545.5	0.00	0.00	0.00			
	00.0	0.00	0.00	5,250.0 5,350.0	536.8	97.2 97.2	545.5 545.5	0.00	0.00	0.00			
	00.0	0.00	0.00	5,350.0 5,450.0	536.8	97.2 97.2	545.5	0.00	0.00	0.00			
	00.0	0.00	0.00	5,550.0	536.8	97.2	545.5	0.00	0.00	0.00			
	00.0	0.00	0.00	5,650.0	536.8	97.2	545.5	0.00	0.00	0.00			
	0.00	0.00	0.00	5,750.0	536.8	97.2	545.5	0.00	0.00	0.00			
	0.00	0.00	0.00	5,850.0	536.8	97.2	545.5	0.00	0.00	0.00			
	0.00	0.00	0.00	5,950.0	536.8	97.2	545.5	0.00	0.00	0.00			
	0.00	0.00	0.00	6,050.0	536.8	97.2	545.5	0.00	0.00	0.00			
6,20	0.00	0.00	0.00	6,150.0	536.8	97.2	545.5	0.00	0.00	0.00			
	0.00	0.00	0.00	6,250.0	536.8	97.2	545.5	0.00	0.00	0.00			
6.4	0.00	0.00	0.00	6,350.0	536.8	97.2	545.5	0.00	0.00	0.00			



EOG Resources

Survey Report

Company: Denver Division - Utah

Project: T9S-R22E Sec 26

Site: CWU 1487-1491 26D (Pad B1_CWU 914-26)

Well: 1490-26D Wellbore #1 Wellbore: APD Plan Design:

Local Co-ordinate Reference:

Well 1490-26D RIG @ 4929.0ft (TRUE 34) TVD Reference:

MD Reference: RIG @ 4929.0ft (TRUE 34)

North Reference: True

Survey Calculation Method: Minimum Curvature

Database: EDM 2003.21 Single User Db

ned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,500.0	0.00	0.00	6,450.0	536.8	97.2	545.5	0.00	0.00	0.00
6,600.0	0.00	0.00	6,550.0	536.8	97.2	545.5	0.00	0.00	0.00
6,700.0	0.00	0.00	6,650.0	536.8	97.2	545.5	0.00	0.00	0.00
,			*						
6,800.0	0.00	0.00	6,750.0	536.8	97.2	545.5	0.00	0.00	0.00
6,850.0	0.00	0.00	6,800.0	536.8	97.2	545.5	0.00	0.00	0.00
6,900.0	0.00	0.00	6,850.0	536.8	97.2	545.5	0.00	0.00	0.00
7,000.0	0.00	0.00	6,950.0	536.8	97.2	545.5	0.00	0.00	0.00
7,100.0	0.00	0.00	7,050.0	536.8	97.2	545.5	0.00	0.00	0.00
7,200.0	0.00	0.00	7,150.0	536.8	97.2	545.5	0.00	0.00	0.00
7,300.0	0.00	0.00	7,250.0	536.8	97.2	545.5	0.00	0.00	0.00
7,400.0	0.00	0.00	7,350.0	536.8	97.2	545.5	0.00	0.00	0.00
7,500.0	0.00	0.00	7,450.0	536.8	97.2	545.5	0.00	0.00	0.00
7,600.0	0.00	0.00	7,550.0	536.8	97.2	545.5	0.00	0.00	0.00
7,700.0	0.00	0.00	7,650.0	536.8	97.2	545.5	0.00	0.00	0.00
7,800.0	0.00	0.00	7,050.0	536.8	97.2	545.5	0.00	0.00	0.00
7,900.0	0.00	0.00	7,850.0	536.8	97.2	545.5	0.00	0.00	0.00
8,000.0	0.00	0.00	7,950.0	536.8	97.2	545.5	0.00	0.00	0.00
8,100.0	0.00	0.00	8,050.0	536.8	97.2	545.5	0.00	0.00	0.00
,			*						
8,200.0	0.00	0.00	8,150.0	536.8	97.2	545.5	0.00	0.00	0.00
8,300.0	0.00	0.00	8,250.0	536.8	97.2	545.5	0.00	0.00	0.00
8,400.0	0.00	0.00	8,350.0	536.8	97.2	545.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,450.0	536.8	97.2	545.5	0.00	0.00	0.00
8,600.0	0.00	0.00	8,550.0	536.8	97.2	545.5	0.00	0.00	0.00
8,700.0	0.00	0.00	8,650.0	536.8	97.2	545.5	0.00	0.00	0.00
8,800.0	0.00	0.00	8,750.0	536.8	97.2	545.5	0.00	0.00	0.00
8,900.0	0.00	0.00	8,850.0	536.8	97.2	545.5	0.00	0.00	0.00
9,000.0	0.00	0.00	8,950.0	536.8	97.2	545.5	0.00	0.00	0.00
9,100.0	0.00	0.00	9,050.0	536.8	97.2	545.5	0.00	0.00	0.00
9,200.0	0.00	0.00	9,150.0	536.8	97.2	545.5	0.00	0.00	0.00
9,300.0	0.00	0.00	9,250.0	536.8	97.2	545.5	0.00	0.00	0.00
9,375.0	0.00	0.00	9,325.0	536.8	97.2	545.5	0.00	0.00	0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
CWU 1490-26D - plan hits target cel - Circle (radius 50.0		0.00	6,800.0	536.8	97.2	-109,007.67	2,585,395.04	40° 0' 53.353 N	109° 24' 37.125 W

Checked By:	Approved By:	Date:	



Chapita Wells Unit 1487-26D, 1488-26D, 1489-26D, 1490-26D, 1491-26D NENW, Section 26, T9S, R22E Uintah County, Utah

SURFACE USE PLAN

The well pad is approximately 400 feet long with a 260-foot width, containing 2.39 acres more or less. The well access road is approximately 150 feet long with a 30-foot right-of-way, disturbing approximately .10 acre. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.49 acres.

1. Existing Roads:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 50.2 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 150' in length, with culverts installed on an asneeded basis. See attached Topo B.
- B. The access road has a 30-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 30-foot permanent right-of-way is requested. No surfacing material will used.

J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 30-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, six (6) to ten (10) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. No new offl pad pipeline will be required. The existing pipeline for producing Chapita Wells Unit 479-26F and Chapita Wells Unit 914-26 will be used.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

1. Cuttings will be confined and dried in a cuttings pit. Dried cuttings shall be spread on the access road.

- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2, 3, or 4, or White River Evaporation Ponds 1, or 2, or Hoss SWD Facility: right-of-way UTU 86010, and UTU 897093, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either natural or artificial evaporation methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the closed loop system will be avoided by flaring them off in the flare pit at the time of recovery.

The referenced well will be drilled utilizing a closed loop system. The closed loop system will be installed in a manner that prevents leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50' x 100'. The surface drill cuttings pile will be bermed and lined with bentonite. Drill cuttings will be dried and spread on the location and access road. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold

planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.

8. ANCILLARY FACILITIES:

None anticipated.

9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The proposed location will be drilled utilizing a closed loop system.

The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be seeded with the approved seed mixture from this.

Access to the well pad will be from the north.

The corners of the well pad will be rounded off as needed to minimize excavation.

10. Plans for Reclamation of the Surface:

A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The portion of the location not needed for production facilities/operations will be reclaimed – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled topsoil will then be spread over the pit area (See Figure #4) and broadcast seeded with the prescribed seed mixture for this location as authorized within EOG's reclamation plan filed September 29, 2009.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
 - Whether the materials appear eligible for the National Register of Historic Places;
 - The mitigation measures the operator will likely have to undertake before the site can be used.
 - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be

- submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A block cultural resources survey for Sec. 26, T9S, R22E was conducted and submitted by Montgomery Archaeological Consultants, MOAC Report # 06-616, on 6/2/2007. A paleontological survey was conducted and will be submitted by Intermountain Paleo.

Additional Surface Stipulations:

None

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LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Mary A. Maestas EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

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CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1487-26D, 1488-26D, 1489-26D, 1490-26D, 1491-26D Wells, located in the NENW, of Section 26, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

Mary A. Maestas, Regulatory Assistant

Onsite Date: September 16, 2009

EOG RESOURCES, INC.

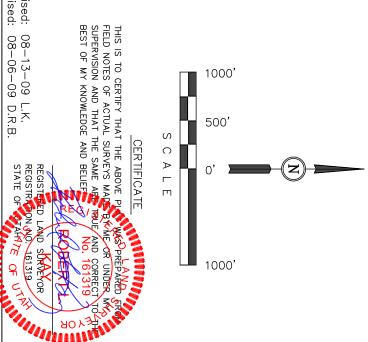
shown in the NE 1/4 NW 1/4 of Section 26, T9S, R22E, S.L.B.&M., Uintah County, Utah. Well location, CWU #1490-26D, located as

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, ELEVATION IS MARKED AS BEING 4697 FEET (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD.

BASIS OF BEARINGS

BASIS 유 BEARINGS $\overline{\circ}$ A G.P.S. OBSERVATION



A.F.

T.A.

D.R.B.

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EOG RESOURCES

INC.

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SURVEYING UTAH

200 EAST

VERNAL, LAND

84078

(435) 789–1017

DATE SURVEYED: 07-20-09

DATE DRAWN:

07-22-09

REFERENCES

G.L.O.

PLAT

EOG RESOURCES, INC. CWU #1487-26D, #1488-26D, #1489-26D, #1490-26D & #1491-26D LOCATED IN LINTAH COUNTY, UTAH SECTION 26, T9S, R22E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: WESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

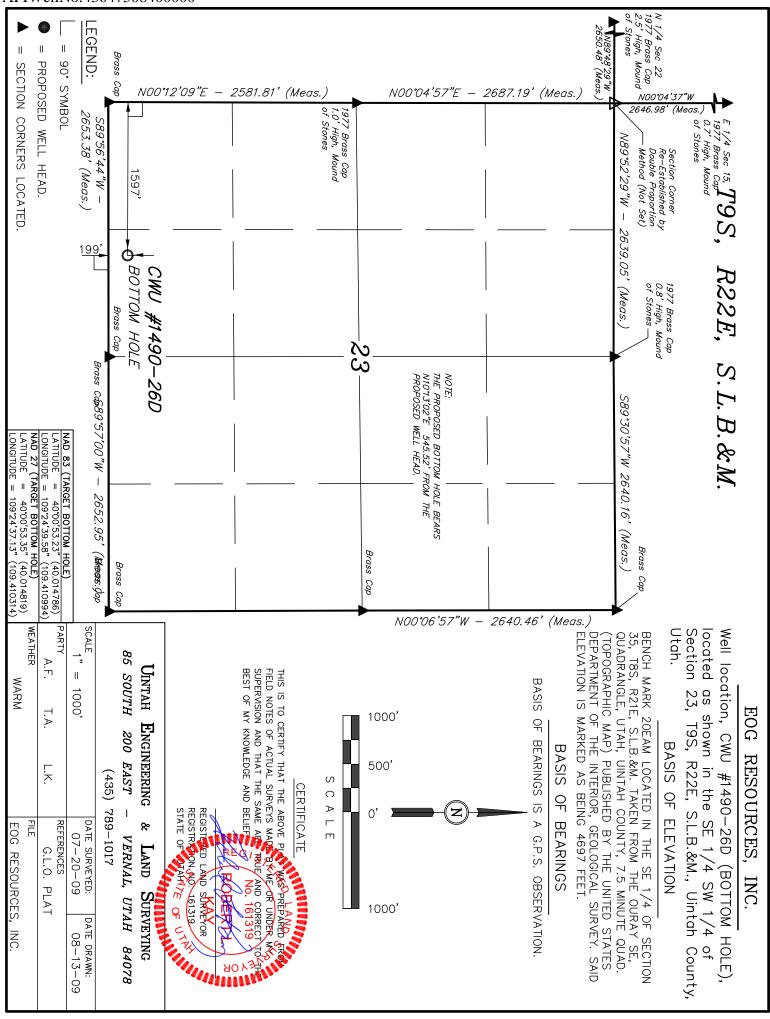
CAMERA ANGLE: WESTERLY

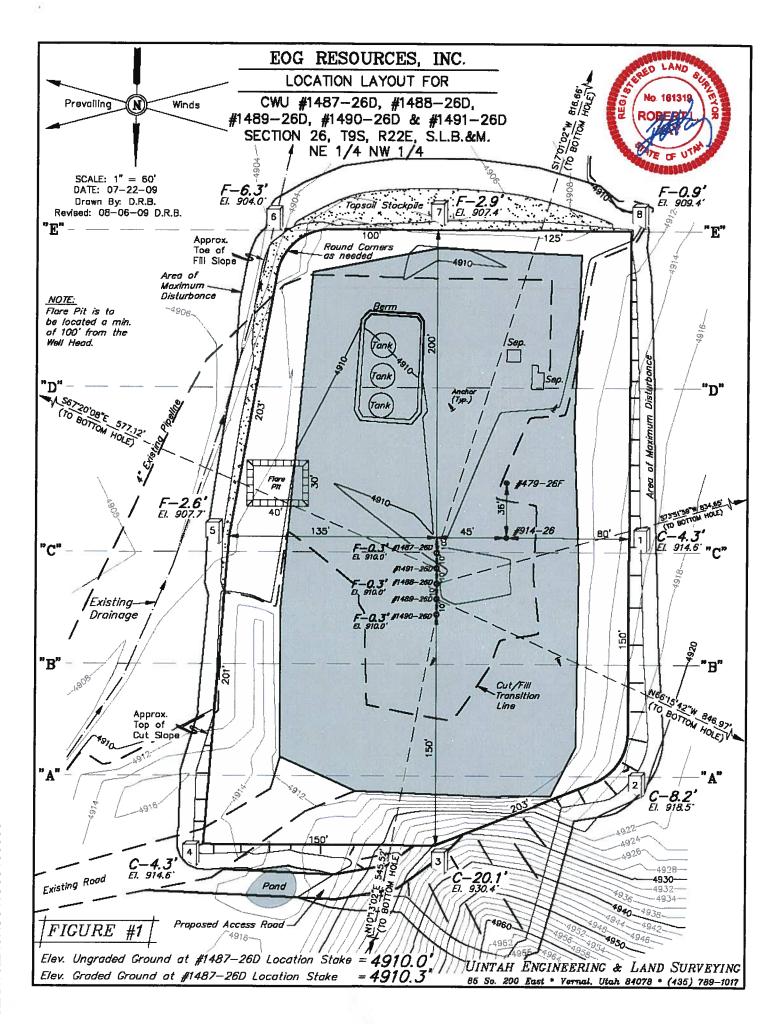


Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

РНОТО





APIWellNo:43047508400000°

EOG RESOURCES, INC.



EOG RESOURCES, INC.

TYPICAL RIG LAYOUT FOR

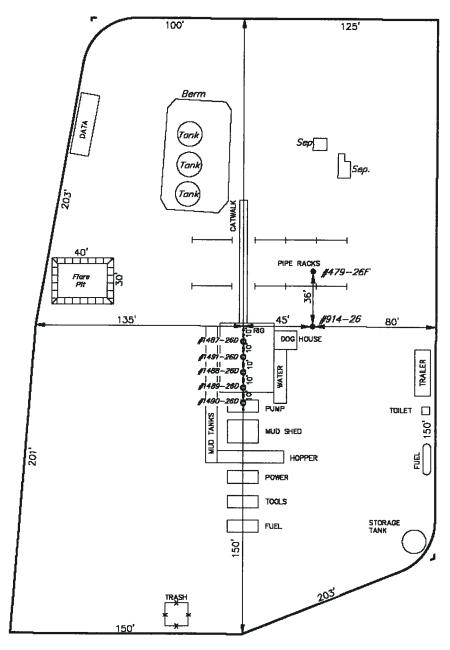
CWU #1487-26D, #1488-26D, #1489-26D, #1490-26D & #1491-26D SECTION 26, T9S, R22E, S.L.B.&M. NE 1/4 NW 1/4





SCALE: 1" = 50' DATE: 07-22-09 Drawn By: D.R.B. Revised: 08-06-09 D.R.B.

NOTE: Flare Pit is to be located a min. of 100' from the Well Head.



UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RE-HABED AREA

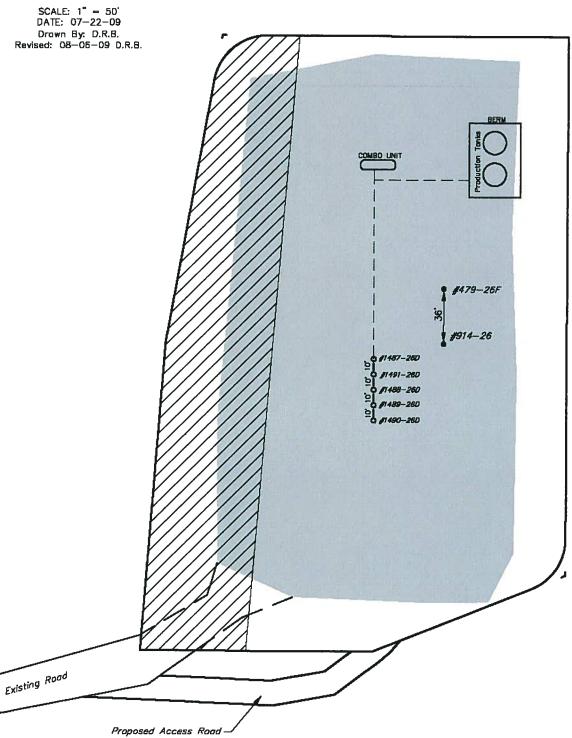
EOG RESOURCES, INC.

PRODUCTION FACILITY LAYOUT FOR

CWU #1487-26D, #1488-26D, #1489-26D, #1490-26D & #1491-26D SECTION 26, T9S, R22E, S.L.B.&M. NE 1/4 NW 1/4



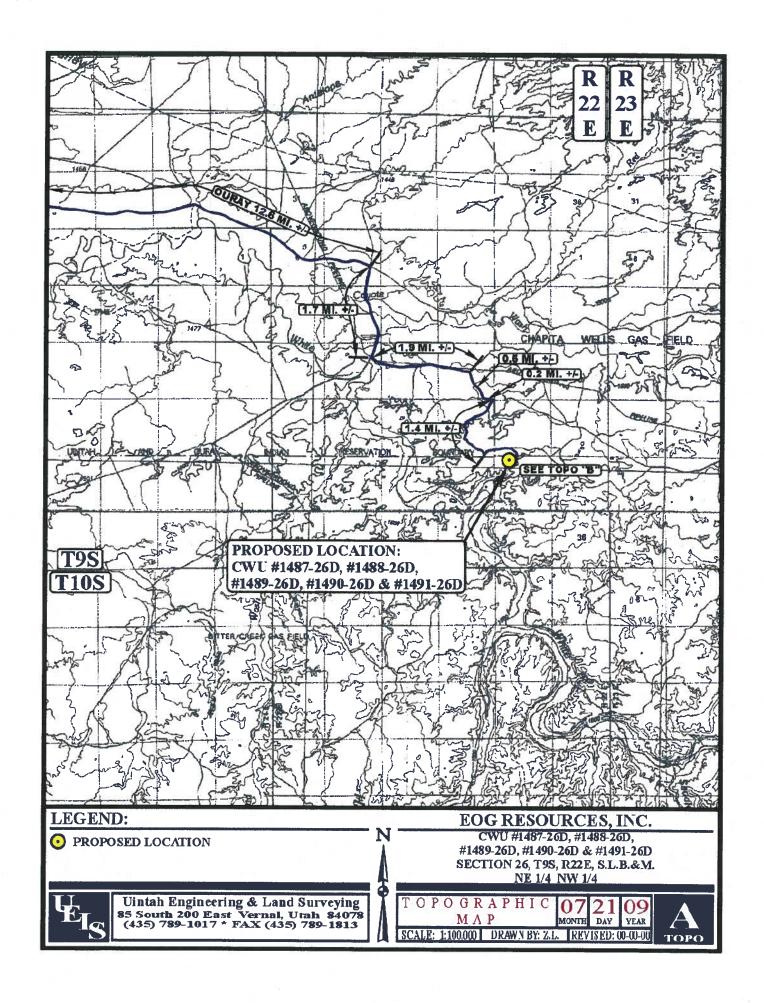


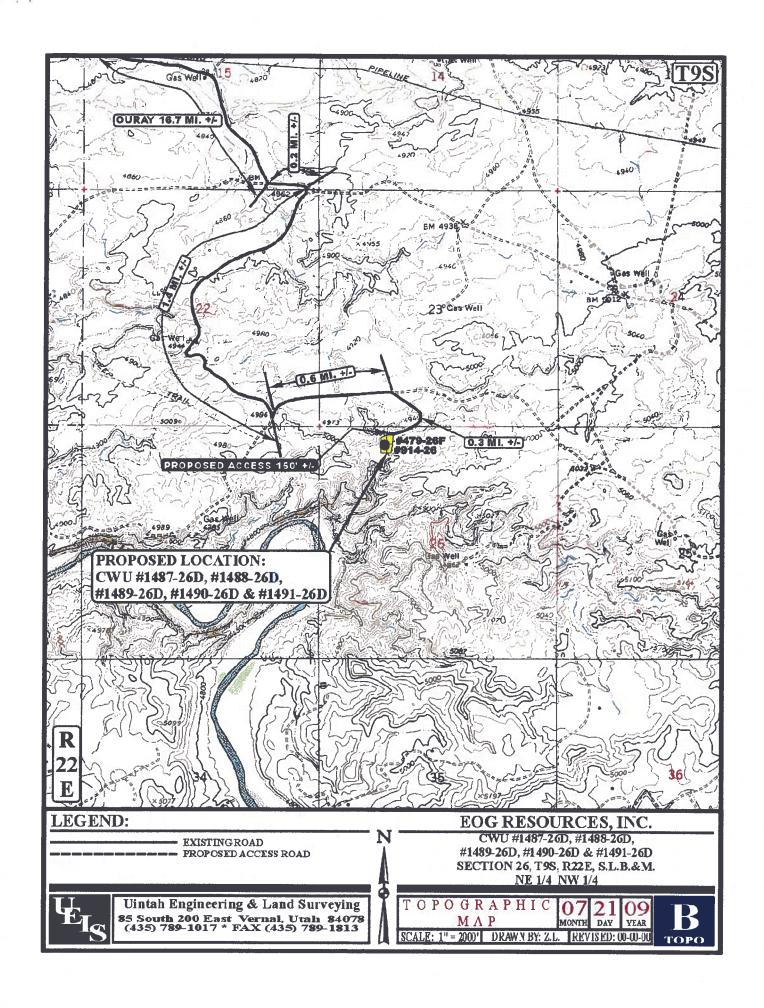


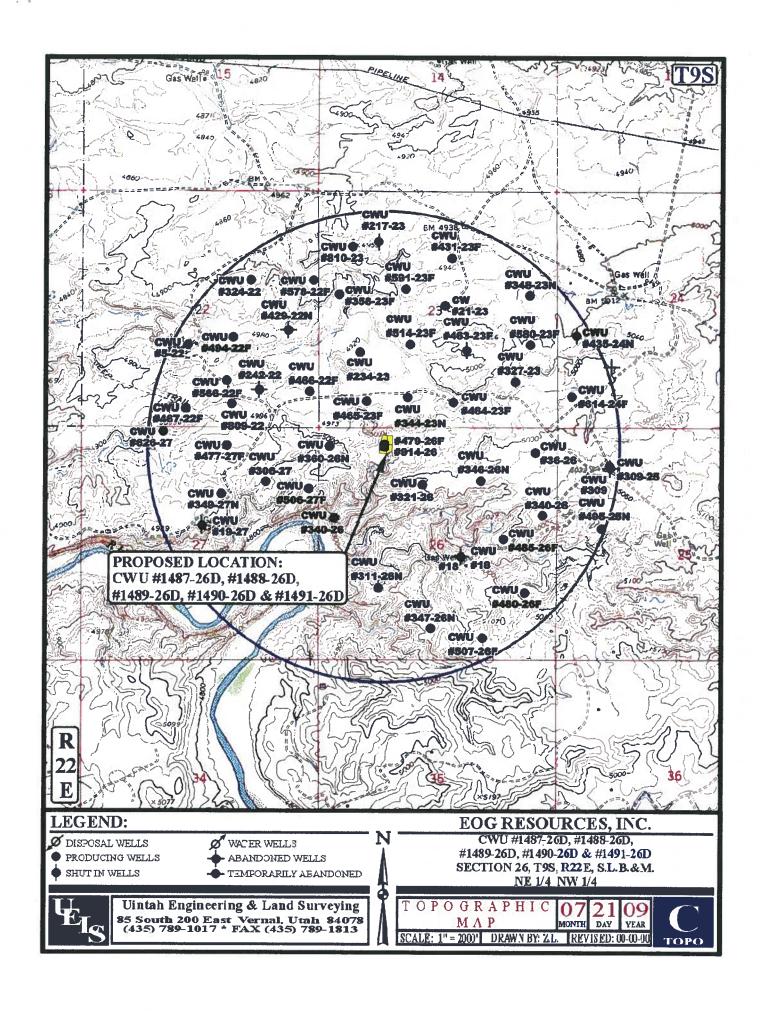
EOG RESOURCES, INC. CWU #1487-26D, #1488-26D, #1489-26D, #1490-26D & #1491-26D SECTION 26, T9S, R22E, S.L.B.&M.

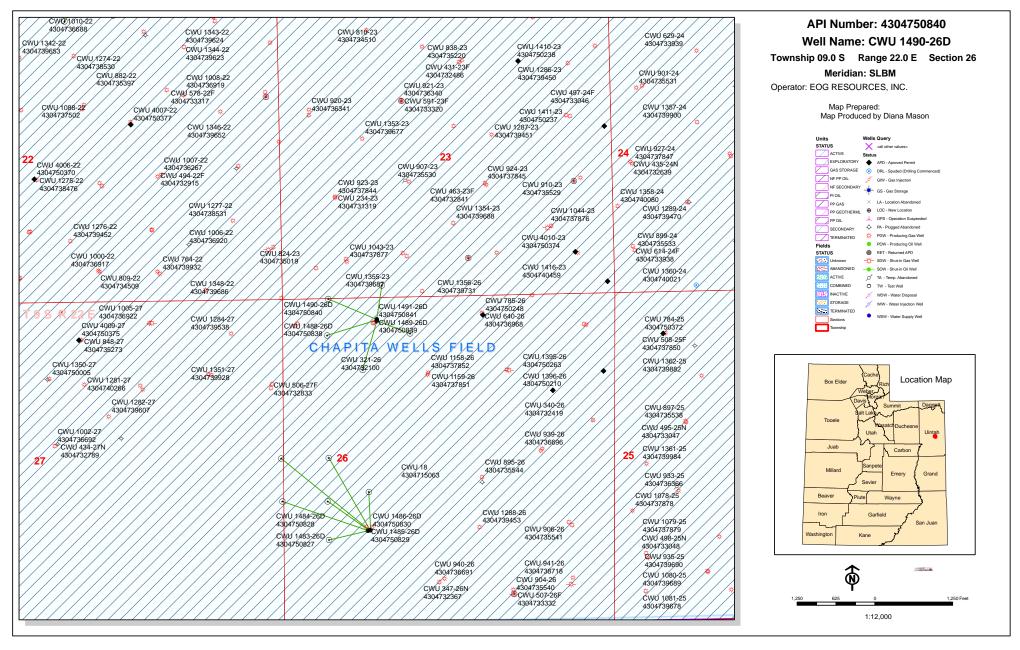
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.9 MILES THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXAMETLY 0.5 MILES TO JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN RIGHT AND PROCEED SOUTHEASTERLY, IN Α SOUTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 150' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.2 MILES.









United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

December 11, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2009 Plan of Development Chapita Wells Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2009 within the Chapita Wells Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ MESA VERDE)

BHL Sec 26 T09S R22E 1158 FNL 1262 FWL

43-047-50838 CWU 1488-26D Sec 26 T09S R22E 0357 FNL 1501 FWL
BHL Sec 26 T09S R22E 0588 FNL 0699 FWL

43-047-50839 CWU 1489-26D Sec 26 T09S R22E 0347 FNL 1501 FWL
BHL Sec 26 T09S R22E 0006 FNL 0726 FWL

43-047-50840 CWU 1490-26D Sec 26 T09S R22E 0337 FNL 1501 FWL
BHL Sec 23 T09S R22E 0199 FSL 1597 FWL

43-047-50837 CWU 1487-26D Sec 26 T09S R22E 0377 FNL 1501 FWL

2 047 50041 CMM 1401 26D 0-- 26 M200 D22D 0267 DM 1501 DM

43-047-50841 CWU 1491-26D Sec 26 T09S R22E 0367 FNL 1501 FWL BHL Sec 26 T09S R22E 0590 FNL 2033 FWL

43-047-50842 CWU 1475-22D Sec 22 T09S R22E 1208 FSL 2075 FEL BHL Sec 22 T09S R22E 0806 FSL 2457 FEL

43-047-50843 CWU 1476-22D Sec 22 T09S R22E 1197 FSL 2059 FEL BHL Sec 22 T09S R22E 0952 FSL 1657 FEL

DIII 500 22 1075 K228 0732 F5B 1037 FBB

43-047-50844 CWU 1477-22D Sec 22 T09S R22E 1203 FSL 2067 FEL BHL Sec 22 T09S R22E 1234 FSL 1357 FEL

43-047-50845 CWU 1478-22D Sec 22 T09S R22E 1214 FSL 2083 FEL

BHL Sec 22 T09S R22E 1635 FSL 1644 FEL

Page 2

API# WELL NAME LOCATION

(Proposed PZ MESA VERDE)

43-047-50846 CWU 1479-22D Sec 22 T09S R22E 1225 FSL 2100 FEL BHL Sec 22 T09S R22E 1662 FSL 2314 FEL

43-047-50847 CWU 1480-22D Sec 22 T09S R22E 1219 FSL 2092 FEL BHL Sec 22 T09S R22E 1200 FSL 2537 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit
 Division of Oil Gas and Mining
 Central Files
 Agr. Sec. Chron
 Fluid Chron

MCoulthard:mc:12-11-09



EOG Resources, Inc.

600 Seventeenth Street Suite 1000N Denver, CO 80202 Main: 303-572-9000 Fax: 303-824-5400

March 9, 2010

Diana Whitney Utah Division of Oil, Gas, & Mining P.O. Box 145801 Salt Lake City, Utah 54114-5801

2210

RE: Directional Application

Lease UTU-0282 (BHL) Chapita Wells Unit 1490-26D Section 26, T9S, R22E (SHL) Uintah County, Utah

Ms. Whitney,

Pursuant to the filing of Chapita Wells Unit 1490-26D Application for Permit to Drill regarding the above referenced well on December 7, 2009, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

- EOG Resources, Inc. is the only lease operator/working interest owner within a 460 foot radius of the Chapita Wells Unit 1490-26D well bore, located within Section 26, T9S, R22E, Uintah County, Utah.
- EOG Resources, Inc. is permitting this well as a directional well in order to minimize surface disturbance. Locating the well at the surface location and directionally drilling from this location, EOG will be able to utilize the existing road infrastructure.
- Furthermore, EOG hereby certifies that EOG is the sole working interest owner within 460 feet of the entire directional well bore.

Based on the above stated information, EOG Resources, Inc. requests the permit be granted pursuant to R649-3-11.

Sincerely,

Mary A. Maestas Regulatory Assistant

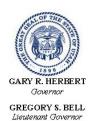
Mary a. Marja

MAR 1 1 2010

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED:	12/7/2009	API NO. ASSIGNED:	43047508400000
WELL NAME:	CWU 1490-26D		
OPERATOR:	EOG Resources, Inc. (N955	PHONE NUMBER:	303 824-5526
CONTACT:	Mary Maestas		
PROPOSED LOCATION:	NENW 26 090S 220E	Permit Tech Review:	
SURFACE:	0337 FNL 1501 FWL	Engineering Review:	
воттом:	0199 FSL 1597 FWL	Geology Review:	
COUNTY:	UINTAH		
LATITUDE:		LONGITUDE:	-109.41063
UTM SURF EASTINGS:	635649.00	NORTHINGS:	4430239.00
FIELD NAME:	NATURAL BUTTES		
LEASE TYPE:			
LEASE NUMBER:	UTU0282 PROPOS	SED PRODUCING FORMATION(S): MESA V	'ERDE
SURFACE OWNER:	1 - Federal	COALBED METHANE:	NO
RECEIVED AND/OR REVIEWE	D:	LOCATION AND SITING:	
⊭ PLAT		R649-2-3.	
▶ Bond: FEDERAL - NM2308		Unit: CHAPITA WELLS	
Potash		R649-3-2. General	
☑ Oil Shale 190-5			
Oil Shale 190-3		R649-3-3. Exception	
Oil Shale 190-13		✓ Drilling Unit	
✓ Water Permit: 49-225		Board Cause No: Cause 179-8	
RDCC Review:		Effective Date: 8/10/1999	
Fee Surface Agreement		Siting: Suspends General Siting	
Intent to Commingle		№ R649-3-11. Directional Drill	
Commingling Approved			
Comments: Presite Comp	leted		
Stipulations: 4 - Federal A	Approval - dmason		
15 - Directio	Approval - dmason		

4 - Federal Approval - dmason 15 - Directional - dmason 17 - Oil Shale 190-5(b) - dmason



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: CWU 1490-26D API Well Number: 43047508400000

Lease Number: UTU0282 Surface Owner: FEDERAL Approval Date: 3/16/2010

Issued to:

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 179-8. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

API Well No: 43047508400000

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

Gil Hunt

Associate Director, Oil & Gas

Die Hunt

	STATE OF UTAH	_	FORM 9
	DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0282
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1490-26D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047508400000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		NE NUMBER: 11 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0337 FNL 1501 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 26	IP, RANGE, MERIDIAN: 5 Township: 09.0S Range: 22.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	ALTER CASING	☐ CASING REPAIR
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
3/17/2011	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMAT	CONS CONVERT WELL TYPE
SUBSEQUENT REPORT	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	PRINCE OPERATIONS. Clearly show all per respectfully requests the APD extended for one year.		
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk	
SIGNATURE		DATE	
N/A		3/17/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047508400000

API: 43047508400000 **Well Name:** CWU 1490-26D

Location: 0337 FNL 1501 FWL QTR NENW SEC 26 TWNP 090S RNG 220E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 3/16/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

 If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? 🔘 Yes 🌘 No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? No No

Signature: Mickenzie Gates **Date:** 3/17/2011

Title: Operations Clerk **Representing:** EOG RESOURCES, INC.

Form 3160-3 (August 2007)

RECEIVED

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DEC 0 7 2009 FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

Lease Serial No.

		0100282
APPLICATION FOR PERMIT	TO DRILL OR REPOTER	6. If Indian, Allottee or Tribe Name
1a. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, Name and No. UTU63013BF
1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Oil	ther Single Zone Multiple Zone	Lease Name and Well No. CWU 1490-26D
EOG RESOURCES INC E-Mail: mary_n	: MARY A. MAESTAS naestas@eogresources.com	9. API Well No. 43-047-50840
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 303-824-5526	10. Field and Pool, or Exploratory NATURAL BUTTES
4. Location of Well (Report location clearly and in accord	lance with any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area
At surface NENW 337FNL 1501FWL At proposed prod. zone SESW 199FSL 1597FWL	40.01331 N Lat, 109.41134 W Lon 40.01479 N Lat, 109.41099 W Lon Sec. 23	Sec 26 T9S R22E Mer SLB SME: BLM
14. Distance in miles and direction from nearest town or pos 50.2 MILES SOUTH OF VERNAL, UT		12. County or Parish 13. State UINTAH UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in Lease	17. Spacing Unit dedicated to this well
199' LEASE LINE	2440.00	
 Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 	, 19. Proposed Depth	20. BLM/BIA Bond No. on file
1120	9375 MD 9325 TVD	NM2308
21. Elevations (Show whether DF, KB, RT, GL, etc. 4910 GL	22. Approximate date work will start	23. Estimated duration 45 DAYS
	24. Attachments	
The following, completed in accordance with the requirements	of Onshore Oil and Gas Order No. 1, shall be attached to	this form:
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Sys SUPO shall be filed with the appropriate Forest Service O 	stem Lands, the Item 20 above).	ormation and/or plans as may be required by the
25. Signature (Electronic Submission)	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526	Date 12/07/2009
Title REGULATORY ASSISTANT		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	JUN 0 1 20
Title Assistant Field Manager Lands & Mineral Resources	VERNAL FIELD OFF	CE

Additional Operator Remarks (see next page)

operations thereon.
Conditions of approval, if any, are attached.

Electronic Submission #78488 verified by the BLM Well Information System For EOG RESOURCES INC, sent to the Vernal Committed to AFMSS for processing by GAIL JENKINS on 12/08/2009 (10GXJ0973AE)

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

NOTICE OF APPROVAL

JUN 0 8 2011

DIV. OF OIL, GAS & MIN

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

096 X J 6092 AE NOS: 09-14-2009



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

EOG Resources, Inc.

170 South 500 East

Well No: API No: CWU 1490-26D 43-047-50840 Location:

NENW, Sec. 26, T9S, R22E

UTU-0282

Lease No: Agreement:

Chapita Wells Unit

OFFICE NUMBER:

(435) 781-4400

OFFICE FAX NUMBER:

(435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit was processed using a 390 CX tied to NEPA approved 03/31/2008. Therefore, this permit is approved for a two (2) year period OR until lease expiration OR the well must be spud by 03/31/2013 (5 years from the NEPA approval date), whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	_	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut vn opreport@blm.gov.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: CWU 1490-26D 5/26/2011

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
 work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
 mitigation may be necessary for the discovered paleontologic material before construction can
 continue.
- The operator will control noxious weeds along the well pad, access road, and the pipeline route by spraying or mechanical removal. On BLM administered land, a Pesticide Use Proposal (PUP) will be submitted and approved prior to the application of herbicides or pesticides or possibly hazardous chemicals.
- If during any construction any vertebrate paleontological resources are discovered, all operations
 affecting such sites shall be immediately suspended and all discoveries shall be left intact until
 authorized to proceed by the authorized officer.
- Permission to clear all wildlife stipulations would only be approved by the BLM authorized officer
 during the specific timing for the species potentially affected by this action. An exception may be
 requested in writing; surveys conducted by a BLM biologist or qualified consulting firm biologist
 would be reviewed by a BLM minerals biologist before the authorized officer signs off on the
 exception.
- No construction, drilling or fracturing operations will occur within 0.5 miles of the following species nesting habitats.
 - o Golden Eagle 1/1-8/31
- If construction, drilling or fracturing operations are anticipated during any of the indicated wildlife seasonal or spatial restrictions, a qualified consulting firm biologist must be contacted in order to conduct applicable surveys (.5 mile radius) using an accepted protocol prior to any ground disturbing activities.

Page 3 of 6 Well: CWU 1490-26D 5/26/2011

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.

Variances Granted

Air Drilling

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily
 drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order
 No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a
 test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's
 log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Page 4 of 6 Well: CWU 1490-26D 5/26/2011

- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is
 encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal
 Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
 Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: CWU 1490-26D 5/26/2011

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written communication
 and must be received in this office by not later than the fifth business day following the date on
 which the well is placed on production. The notification shall provide, as a minimum, the following
 informational items:
 - o Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be
 reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported
 verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will
 be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of
 Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs.

Page 6 of 6 Well: CWU 1490-26D 5/26/2011

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
 lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
 suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
 obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior approval
 of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
 approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
 of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES	S	
	DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0282
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen e igged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1490-26D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047508400000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		E NUMBER: 1 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0337 FNL 1501 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 26	IP, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian: S	5	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	☐ ALTER CASING	CASING REPAIR
□ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
✓ SPUD REPORT Date of Spud:		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
10/26/2011			
DRILLING REPORT	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	PMPLETED OPERATIONS. Clearly show all pertions are spud on 10 pertions.		volumes, etc.
		l Oi	Accepted by the Utah Division of I, Gas and Mining R RECORD ONLY
NAME (PLEASE PRINT) Nanette Lupcho	PHONE NUMBER 435 781-9157	TITLE Regulatory Assistant	
SIGNATURE N/A		DATE 10/28/2011	

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0282
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QTR/QTR, SECTION, TOWNSHI	P, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian:	S	STATE: UTAH
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TYPE OF SUBMISSION		TYPE OF ACTION	
	□ ACIDIZE □ CHANGE TO PREVIOUS PLANS □ CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION MPLETED OPERATIONS. Clearly show all pervity has occurred since spud of	on 10/26/2011. , O i	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Volumes, etc. ACCEPTED by the Utah Division of il, Gas and Mining R RECORD ONLY
NAME (PLEASE PRINT) Nanette Lupcho	PHONE NUMBER 435 781-9157	TITLE Regulatory Assistant	
SIGNATURE N/A	133 /01 /13/	DATE 10/28/2011	

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor	mpany EOG RESOURCES INC
Well Name	:CWU 1490-26D
Api No:	43-047-50840 Lease Type FEDERAL
Section 26	Township 09S Range 22E County UINTAH
Drilling Cor	ntractor CRAIG'S ROUSTABOUT SERV RIG # 2
SPUDDE	D:
	Date10/26/2011
	Time 8:00 AM
	HowDRY
Drilling wi	ill ee:
Reported by	GERALD ASHCRAFT
Telephone #	(435) 828-7445
Date	10/26/2011 Signed CHD

			FORM 9
	STATE OF UTAH	6	
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0282
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☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	□ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:			
	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
✓ DRILLING REPORT	☐ TUBING REPAIR		☐ WATER DISPOSAL
Report Date: 11/4/2011	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
11/4/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all per		volumes, etc.
No activity has	occurred since spud on 10/26	5/2011 to 11/4/2011.	
			Accorted by the
			Accepted by the Utah Division of
			I, Gas and Mining
		FUI	R RECORD ONLY
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk	
SIGNATURE N/A		DATE 11/4/2011	

			FORM 9
	STATE OF UTAH	6	
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NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk	
SIGNATURE N/A		DATE 11/4/2011	

Sundry Number: 1-9848 Approval of this: 43047508400000

Action is Necessary

	STATE OF UTAH		FORM 9
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TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start: 10/26/2011	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
10/20/2011	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
·	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ UBING REPAIR		✓ WATER DISPOSAL
DRILLING REPORT Report Date:	│	SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
EOG Resources, Inc produced water at tl SWD, CWU 2-29 SV River Evaporation F	Completed Operations. Clearly show all pert c. respectfully requests authori he following locations: NBU 20 WD, Red Wash Evaporation Por Ponds 1&2, Coyote Evaporation I and Hoss SWD Wells ROW# U	ization for the disposal of -20B SWD, CWU 550-30N nds 1,2,3,4,5,6&7, WhiteA n Ponds 1&2, Coyote 1-16 JTU86010 & UTU89709 Qil	accepted by the Utah Division of
NAME (PLEASE PRINT) Nanette Lupcho	PHONE NUMBER 435 781-9157	TITLE Regulatory Assistant	
SIGNATURE N/A		DATE 10/28/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM Operator Account Number: N 9550

Phone Number: (435) 781-9157

Operator:

Address:

EOG Resources, Inc.

1060 East Highway 40

city Vernal state UT

43-047-50841 Chapita Wells Unit 1491-26D NENW 26 Action Code Current Entity New Entity Spud Date Number Number	Twp Rng 9S 22E	UINTAH
		Entity Assignment Effective Date
*B 99999 /3650 10/27/2011		Milalu
Comments: MESAVERDE BHL= NEHW		-11-4/11

zip 84078

Well 2

API Number	Well	Name	QQ	Sec	Twp	Rng	County	
43-047-50839	Chapita Wells Unit 14	189-26D	NENW	26	98	22E	UINTAH	
Action Code	Current Entity Number	S	Spud Date			Entity Assignment Effective Date		
*B	99999	13650	10	0/25/20	11	11	11611	

Well 3

API Number	Weil	Name	QQ	Sec	Twp	Rng	County
43-047-50840	Chapita Wells Unit 14	NENW	26	98	22E	UINTAH	
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
 ★ B	99999	13650	1	0/26/20	11	11	116/11
Comments	VERDE BH	1: Sec 23 9	<u> </u>				<i>[16]</i> [[

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

Nanette Lupcho

Regulatory Assistant

10/28/2011

Title

Date

(5/2000)

NOV 1 4 2011

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	CES	
	DIVISION OF OIL, GAS, AND MI	NING	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0282
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Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	TUBING REPAIR	□ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date: 11/30/2011	☐ WILDCAT WELL DETERMINATION		
		☐ OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all pe ed well chronology report for all activity up to 11/30/2	the referenced well showing 011. Oi	
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBER 307 276-4842	R TITLE Regulatory Assistant	
SIGNATURE N/A		DATE 11/30/2011	

WELL	CHRONOLOGY
	REPORT

Report Generated On: 11-30-2011

Well Name	CWU 1490-26D	Well Type	DEVG	Division	DENVER		
Field	CHAPITA DEEP	API#	43-047-50840	Well Class	DRIL		
County, State	UINTAH, UT	Spud Date		Class Date			
Tax Credit	N	TVD / MD	9,325/9,375	Property #	065351		
Water Depth	0 Last CSG		9.625	Shoe TVD / MD	2,161/2,196		
KB / GL Elev	4,929/ 4,910						
Location	Section 26, T9S, R22E, NENW, 337 FNL & 1501 FWL						

DRILL & COMPLETE

Operator	EOG RESOUR	CES, INC WI	% 100	0.0	NRI %		82.139316	
AFE No	310075	AI	FE Total	1,570,000	DHC/0	CWC	750,000/ 820,	000
Rig Contr	CRAIGS	Rig Name	CRAIGS PRESET RIG	Start Date	10-28-2011	Release 1	Date	
Rig Contr	TRUE	Rig Name	TRUE #34	Start Date	11-29-2011	Release 1	Date	
01-28-2010	Reported By	CINDY	VAN RANKEN					
DailyCosts: Da	rilling \$0		Completion	\$0	Dail	y Total	\$0	
Cum Costs: D	rilling \$0		Completion	\$0	Wel	l Total	\$0	
MD	0 TVD	0 Pr	ogress 0	Days	0 MW	0.0	Visc	0.0
Formation:		PBTD : 0.0		Perf:		PKR De	pth: 0.0	

Activity at Report Time: LOCATION DATA

1.0

Event No

Start	End	Hrs	From To	Activity Description
06:00	06:00	24.0	0	0 LOCATION DATA

SHL: 337' FNL & 1501' FWL (NE/NW)

SECTION 26, T9S, R22E UINTAH COUNTY, UTAH

Description

LAT 40 DEG 00' 47.53", LONG 10 DEG 24' 40.83" (NAD 83)

LAT 40 DEG 00' 47.65", LONG 10 DEG 24' 38.37" (NAD 83)

PROPOSED BHL: 199' FSL & 1597' FWL (SE/SW)

SECTION 23, T9S, R22E UINTAH COUNTY, UTAH

TRUE #34

OBJECTIVE TD: 9375' MD / 9325' TVD MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

Well Name: CWU 1490-26D Field: CHAPITA DEEP Property: 065351

LEASE: UTU-0284A

ELEVATION: 4910.0' NAT GL, 4910.3' PREP GL (DUE TO ROUNDING PREP GL IS 4910') 4929' KB

(19')

NOTE: MULTI PAD WELL - CWU 1487-26D, CWU 1488-26D, CWU 1489-26D, CWU 1490-26D,

CWU 1491-26D

EOG WI 100%, NRI 82.139316%

10-27-2	2011	Repo	rted By	(GERALD ASHCR	AFT						
DailyCo	sts: Drill	ing	\$37,177		Com	pletion	\$0		Daily Tota	1	\$37,177	
Cum Co	osts: Drill	ing	\$37,177		Com	pletion	\$0		Well Total		\$37,177	
MD	60) T	VD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formati	Formation: PBTD			BTD:	0.0		Perf:		PK	R Dep	pth: 0.0	
Activity	Activity at Report Time: SPUD NOTIFICATION											
Start	End	Hrs	From To) A	Activity Descrip	tion						
06:00	06:00	24.	.0 0		CRAIG'S BUCKE CEMENT TO SUR				6/11 @ 08:00 AM, S	SET 60	OF 14" CONI	DUCTOR.
11-24-2011 Reported By K				KYLAN COOK								
DailyCo	osts: Drill	ing	\$16,405		Com	pletion	\$0		Daily Tota	1	\$16,405	
Cum Co	osts: Drill	ing	\$53,582		Com	pletion	\$0		Well Total		\$53,582	

MD TVD 319 MWVisc **Progress** Days **Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: TIH W/DIRECTIONAL BHA

319

Start	End	Hrs	From To	Activity Description
06:00	19:00	13.0	0	0 DAY WORK ON CWU 1489–26D.
19:00	23:30	4.5	0	0 RDMO FROM CWU 1489–26D.
23:30	06:00	6.5	0	0 RIG ON DAY WORK @ 23:30 PM ON 11/23/2011. PICK UP BHA AND ORIENT MWD.

WELL PREDRILLED FROM 79' TO 319' KOP.

THIS WELL AZIMUTH 10.19*, INC 12.00*.

MUD MOTOR 1.75 DEGREE BEND, RPG .18, BIT TO BEND 7', BIT TO MWD 60'.

HIT TIGHT SPOT @ 109'. RIG UP PIN TO PIN XO AND RIG 8" DC. WASHED DOWN TO 214' WITH DRILL PIPE (ENOUGH TO GET DIRECTIONAL TOOLS AND 8" COLLARS IN HOLE). LAY DOWN DRILL PIPE, PIN TO PIN, AND 8" DC. GO BACK TO TRIPPING IN DIRECTIONAL BHA. ALL DIRECTIONAL TOOLS AND 1ST 8" DC (155') TRIPPED IN HOLE AT REPORT TIME.

0

0.0

0.0

ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'

NO ACCIDENTS REPORTED.

SAFTEY MEETINGS: TRIPPING IN HOLE.

FUEL USED 357 GALLONS.

11-25-2011	Reported By	KYLAN COOK			
DailyCosts: Drilli	ng \$45,028	Completion	\$0	Daily Total	\$45,028
Cum Costs: Drilli	ing \$98,610	Completion	\$0	Well Total	\$98,610

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

1,092 0.0 MD 1,099 **TVD** 780 0 MW0.0 **Progress Days** Visc Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: DRILLING @ 1099 Start End Hrs From To **Activity Description** 06:00 08:00 0 0 FINISH TRIPPING IN WITH DIRECTIONAL TOOLS. HAD TO WASH AND REAM ALL THE WAY TO 2.0 BOTTOM. 879 DRILL ROTATE AND SLIDE FROM 319' TO 879'. 560'. ROP 48.7' FPH. 08:00 19:30 11.5 319 WOB ROTATE 10K, SLIDE 12K, ROTARY RPM 44, MOTOR RPM 93, STROKES 136, GPM 517, PSI 550, DIFF PSI 25, 1.4' LEFT AND 3.9' HIGH OF LINE, ROTATE 70% SLIDE 30%, TFO 5L. 0 LOST RETURNS @ 839' USED ALL WATER ON LOCATION DRILLING TO 879'. ONLY 2 BOBTAIL 19:30 00:00 0 4.5 TRUCKS IN FIEILD HAULING PRODUCTION WATER. WAIT FOR MORE TRUCKS FROM TOWN. CALLED OUT MBT AND FLINT TRUCKS. SLOW GETTING TRUCKS DUE TO THANKSGIVING. 879 01:30 989 DRILL ROTATE AND SLIDE FROM 879' TO 989'. 110'. ROP 73' FPH. 00:00 1.5 0 WAIT FOR MORE WATER. 04:30 0 01:30 3.0 04:30 06:00 1.5 989 1099 DRILL ROTATE AND SLIDE FROM 989' TO 1099'. 110'. ROP 73' FPH. WOB ROTATE 15K, SLIDE 12K, ROTARY RPM 44, MOTOR RPM 93, STROKES 136, GPM 517, PSI 550, DIFF PSI 50, 1' LEFT AND 10' HIGH OF LINE, ROTATE 84% SLIDE 16%, TFO 10L. ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19' NO ACCIDENTS REPORTED. SAFTEY MEETINGS: TRIPPING PIPE AND MAKING CONNECTIONS. FUEL USED 655 GALLONS. KYLAN COOK 11-26-2011 Reported By \$33,232 DailyCosts: Drilling Completion \$0 **Daily Total** \$33,232 **Cum Costs: Drilling** \$131,842 Completion \$0 **Well Total** \$131,842 MD **TVD** 1,838 765 0 MW0.0 Visc 0.0 1.864 **Progress** Days PKR Depth: 0.0 **Formation: PBTD**: 0.0 Perf: Activity at Report Time: DRILLING AT 1864' Start From To End Hrs **Activity Description** 06:00 07:30 1.5 1099 1199 DRILL ROTATE AND SLIDE FROM 1099' TO 1199'. 100'. ROP 66.6' FPH. 07:30 08:30 1.0 0 0 WAIT FOR MORE WATER. 08:30 18:00 9.5 1199 1649 DRILL ROTATE AND SLIDE FROM 1199' TO 1649', 450', ROP 47' FPH. WOB ROTATE 13K, SLIDE 16K, ROTARY RPM 44, MOTOR RPM 93, STROKES 136, GPM 517, PSI 700, DIFF PSI 50, 3.8' LEFT AND 20.3' HIGH OF LINE, ROTATE 86% SLIDE 14%, TFO 170R. 1769 DRILL ROTATE AND SLIDE FROM 1649' TO 1769'. 120'. ROP 26.6' FPH. 18:00 22:30 4.5 1649 22:30 01:30 0 WAIT FOR MORE WATER. 3.0 0 01:30 05:30 1769 1864 DRILL ROTATE AND SLIDE FROM 1769' TO 1864', 95', ROP 23.7' FPH. 4.0 WOB ROTATE 15K, SLIDE 18K, ROTARY RPM 44, MOTOR RPM 93, STROKES 136, GPM 517, PSI 850, DIFF PSI 50, 7' LEFT AND 25' HIGH OF LINE, ROTATE 62% SLIDE 38%, TFO 190L. 05:30 06:00 0.5 0 0 WAIT FOR MORE WATER. ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19' NO ACCIDENTS REPORTED. SAFTEY MEETINGS: COLD WEATHER CONDITIONS AND SKID STEER SAFETY. FUEL USED 714 GALLONS. KYLAN COOK 11-27-2011 Reported By

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

DailyCosts: Drilling \$40,463		Con	npletion	\$0		Daily	Total	\$40,463			
Cum Costs: Drilling \$172,305		72,305	Completion		\$0		Well Total		\$172,305		
MD	2,206	TVD	2,171	Progress	342	Days	0	MW	0.0	Visc	0.0
Formation	:		PBTD : 0	.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: CIRCULATE FOR SURFACE CSG.

Start	End	Hrs	From	To	Activity Description
06:00	08:00	2.0	0	0	WAIT FOR MORE WATER.
08:00	15:30	7.5	1864	2206	DRILL ROTATE AND SLIDE FROM 1864' TO 2206'. 342'. ROP 45.6' FPH.
					WOB ROTATE 15K, SLIDE 18K, ROTARY RPM 44, MOTOR RPM 93, STROKES 136, GPM 517, PSI 850, DIFF PSI 100, 16.5' LEFT AND 22' HIGH OF LINE, ROTATE 86% SLIDE 14%, TFO 100R.
					STARTED GETTING ABOUT 85% RETURNS AT 1950'.
15:30	18:00	2.5	0	0	CIRCULATE FOR WIPER TRIP.
18:00	23:30	5.5	0	0	TRIP OUT OF HOLE WITH DIRECTIONAL TOOLS.
23:30	03:30	4.0	0	0	TALLY BHA WITH TRI-CONE AND REAMER. TRIP BACK TO BOTTOM. NO TIGHT HOLE.
03:30	04:00	0.5	0	0	CIRCULATE TO TRIP OUT OF HOLE AND RUN CSG.
04:00	06:00	2.0	0	0	WORK ON PUMP.

ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'

NO ACCIDENTS REPORTED.

SAFTEY MEETINGS: PPE AND TRIPPING OUT OF HOLE.

FUEL USED 774 GALLONS.

11-28-2011	Re	eported By	K	YLAN COOK							
DailyCosts: Drilling \$72,347			347	Con	pletion	\$0		Daily	Total	\$72,347	
Cum Costs: Drilling		\$244	4,652	Com	pletion	\$0		Well '	Total	\$244,652	
MD	2,206	TVD	2,171	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD : (0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: CEMENTING SURFACE CSG

ricurry	Thereby at Report Fines Charles and Control Control									
Start	End	Hrs	From	To	Activity Description					
06:00	07:00	1.0	0)	0 CIRCULATE TO TRIP OUT OF HOLE AND RUN CSG.					
07:00	08:00	1.0	0)	0 TRIP OUT OF HOLE TO RUN CSG.					
08:00	14:00	6.0	0)	0 CHANGE OUT OIL COOLER ON RIG.					
14:00	16:00	2.0	0)	0 TRIP OUT OF HOLE TO RUN CSG.					
16:00	18:00	2.0	0)	0 RIG UP TO RUN CSG.					
18:00	21:30	3.5	0	1	0 RUN 52 JTS (2177.82') OF 9–5/8", 36.0#, K–55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 12 CENTRALIZERS SPACED 10' FROM THE SHOE, ON TOP OF JOINTS #2 AND #3 THEN EVERY 5TH COLLAR TO SURFACE. ALSO 2 CENTRALIZERS AT KOP. LANDED @ 2161.82' TVD / 2196.82' MD.					
21:30	01:00	3.5	0)	0 WASH 25' OF LAST JOINT DOWN. LITTLE TO NO RETURNS WASHING CSG DOWN.					
01:00	02:00	1.0	0)	0 RUN 200' OF 1" PIPE.					
02:00	03:00	1.0	0)	0 RDMO CRAIG'S PRESET RIG. RELEASE RIG @ 03:00 AM ON 11/28/11. LAST WELL ON PAD.					
03:00	06:00	3.0	0)	0 CEMENTING. DETAILS WILL BE ON NEXT REPORT.					
					ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'					
					NO ACCIDENTS REPORTED.					
					SAFTEY MEETINGS: TRIPPING PIPE AND RUNNING CASING.					

Well Name: CWU 1490-26D Field: CHAPITA DEEP Property: 065351

FUEL USED 119 GALLONS.

11-29-2011	Re	ported By	I	KYLAN COOK							
DailyCosts: Drilling \$37,018		,018	Com	pletion	\$0		Daily Total \$37,018 Well Total \$281,671				
Cum Costs: Drilling \$281,671		1,671	Com	pletion	\$0		Well	Total	\$281,671		
MD	2,206	TVD	2,171	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: WORT

End

Start	End	Hrs	From To)	Activity Description
06:00	06:00	24.0	0		$0 \>\> CEMENT \> JOB : \> MIRU \> HALLIBURTON \> CEMENTERS . \> HELD \> SAFETY \> MEETING . \> PRESSURE \> TESTED$
					LINES AND CEMENT VALVE TO 5410 PSI. PUMPED 50 BBLS FRESH WATER & 20 BBLS GELLED
					WATER FLUSH AHEAD OF CEMENT.

LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT WITH 0.3% VERSASET, 2% CAL-SEAL, AND 2% ECONOLITE. MIXED LEAD CEMENT @ 10.5 PPG WITH YIELD OF 4.1 CF/SX. TAIL: MIXED AND PUMPED 300 SACKS (64 BBLS) OF PREMIUM CEMENT WITH 2% CACL2 MIXED TAIL CEMENT @ 15.6 PPG WITH YIELD OF 1.2 CF/SX. DISPLACED CEMENT WITH 165 BBLS FRESH WATER. BUMPED PLUG WITH 727# @ 05:28 AM ON 11/28/11. FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 85 BBLS INTO LEAD CEMENT, LOST RETURNS 158 BBLS INTO LEAD CEMENT. NO CEMENT TO SURFACE.

TOP JOB #1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. NO RETURNS TO SURFACE. WOC 3 HR.

TOP JOB #2: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. NO RETURNS TO SURFACE. WOC 3 HR.

TOP JOB #3: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. NO RETURNS TO SURFACE. WOC 3 HR.

TOP JOB #4: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 75 SX (16 BBLS) OF PREMIUM CEMENT WITH 2% CACL2, MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX, GOOD CEMENT TO SURFACE. CEMENT FELL BACK. WOC 2 HR.

TOP JOB #5: PUMP DOWN 6' OF 1" PIPE. MIXED & PUMPED 50 SX (10 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. GOOD CEMENT TO SURFACE. HOLE STOOD FULL.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

KYLAN COOK NOTIFIED BLM VIA E-MAIL OF THE SURFACE CASING & CEMENT JOB ON 11/25/11 @ 17:00 PM. KYLAN COOK NOTIFIED CAROL DANIELS WITH UDOGM VIA PHONE OF THE SURFACE CASING & CEMENT JOB ON 11/25/11 @ 17:00 PM.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Co	ompany; _]	EOG RES	SOURCES	S INC		
Well Name	e:		CWU 149	90-26D			
Api No:	43-04	<u> 17-50840</u>		Lease Ty _l	pe	FEDE]	RAL
Section 26	Town	nship <u>09</u>	OSRai	nge <u>22E</u>	Coun	tyUINTA	AH
Drilling Co	ontractor _	CRAIC	G'S ROUS	STABOU'	T SERV	RIG #	2
SPUDDE	ED:						
	Date	1	1/26/2011				
	Time _		11:00 AM	[
	How_		DRY				
Drilling w Commen							
Reported by	У		KYL	AN COO	K		
Telephone #	#		(970)	361-3216	3		
Date	11/29/2	011	Signed_	CHD			

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0282
SUNDF	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	existing wells below current Use APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1490-26D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047508400000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		NE NUMBER: 11 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0337 FNL 1501 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI	P, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
The referenced well	□ CHANGE TO PREVIOUS PLANS □ CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION MPLETED OPERATIONS. Clearly show all per reached TD on 12/14/2011, port for the referenced well show 01/03/2012.	lease see the attached we wing all activity up to	
NAME (PLEASE PRINT) Nanette Lupcho	PHONE NUMBER 435 781-9157	TITLE Regulatory Assistant	
SIGNATURE N/A		DATE 1/3/2012	

WELL	CHRONOLOGY
	REPORT

Report Generated On: 01-03-2012

Well Name	CWU 1490-26D	Well Type	DEVG	Division	DENVER			
Field	CHAPITA DEEP	API#	43-047-50840	Well Class	DRIL			
County, State	UINTAH, UT	Spud Date	12-06-2011	Class Date				
Tax Credit	N	TVD / MD	9,325/9,375	Property #	065351			
Water Depth	0	Last CSG	4.5	Shoe TVD / MD	9,325/ 9,357			
KB / GL Elev	4,929/4,910							
Location	Section 26, T9S, R22E, NENW, 337 FNL & 1501 FWL							

DRILL & COMPLETE

Operator	EOG RESOUR	CES, INC WI	% 100	0.0	NRI %	82.1	39
AFE No	310075	AF	AFE Total 1,570,000		DHC / CWC		750,000/ 820,000
Rig Contr	CRAIGS	Rig Name	CRAIGS PRESET RIG	Start Date	10-28-2011	Release Dat	e
Rig Contr	TRUE	Rig Name	TRUE #34	Start Date	11-29-2011	Release Dat	e 12–15–2011
01-28-2010	Reported By	CINDY	VAN RANKEN				
DailyCosts: Da	rilling \$0		Completion	\$0	Daily	Total S	50
Cum Costs: D	rilling \$0		Completion	\$0	Well 7	Total S	60
MD	0 TVD	0 Pro	ogress 0	Days	0 MW	0.0	Visc 0.0
Formation:		PBTD : 0.0		Perf:		PKR Depth	: 0.0

Activity at Report Time: LOCATION DATA

1.0

Event No

Start	End	Hrs	From To	Activity Description
06:00	06:00	24.0	0	0 LOCATION DATA

SHL: 337' FNL & 1501' FWL (NE/NW)

SECTION 26, T9S, R22E UINTAH COUNTY, UTAH

Description

LAT 40 DEG 00' 47.53", LONG 10 DEG 24' 40.83" (NAD 83) LAT 40 DEG 00' 47.65", LONG 10 DEG 24' 38.37" (NAD 83)

PROPOSED BHL: 199' FSL & 1597' FWL (SE/SW)

SECTION 23, T9S, R22E UINTAH COUNTY, UTAH

TRUE #34

OBJECTIVE TD: 9375' MD / 9325' TVD MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

LEASE: UTU-0284A

ELEVATION: 4910.0' NAT GL, 4910.3' PREP GL (DUE TO ROUNDING PREP GL IS 4910') 4929' KB

(19')

 $NOTE: MULTI \ PAD \ WELL - CWU \ 1487-26D, CWU \ 1488-26D, CWU \ 1489-26D, CWU \ 1490-26D,$

CWU 1491-26D

EOG WI 100%, NRI 82.139316%

10-27-2011	1 F	Reported By	G	GERALD ASHCR	AFT						
DailyCosts: Drilling \$37,177			,	Com	pletion	\$0		Daily	Total	\$37,177	
Cum Costs:	: Drilling	\$37,177	,	Con	pletion	\$0		Well 7	Total	\$37,177	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD: 0.0					Formation: PBTD: 0.0				PKR Dej	pth: 0.0	
Activity at Report Time: SPUD NOTIFICATION											
Start E	nd F	Irs From T	Го А	ctivity Descrip	otion						
06:00	06:00	24.0 0		RAIG'S BUCKE EMENT TO SUI				5/11 @ 08:00	AM, SET 60	OF 14" CONI	OUCTOR.
11-24-2011	1 F	Reported By	K	YLAN COOK							
DailyCosts:	Drilling	\$16,405	i	Com	pletion	\$0		Daily	Total	\$16,405	
Cum Costs	: Drilling	\$53,582	!	Con	pletion	\$0		Well 7	Total	\$53,582	
MD	319	TVD	319	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	:	I	PBTD:	0.0		Perf:			PKR De	pth: 0.0	

Activity at Report Time: TIH W/DIRECTIONAL BHA

Start	End	Hrs	From To	Activity Description
06:00	19:00	13.0	0	0 DAY WORK ON CWU 1489–26D.
19:00	23:30	4.5	0	0 RDMO FROM CWU 1489–26D.
23:30	06:00	6.5	0	0 RIG ON DAY WORK @ 23:30 PM ON 11/23/2011. PICK UP BHA AND ORIENT MWD.

WELL PREDRILLED FROM 79' TO 319' KOP.

THIS WELL AZIMUTH 10.19*, INC 12.00*.

MUD MOTOR 1.75 DEGREE BEND, RPG .18, BIT TO BEND 7', BIT TO MWD 60'.

HIT TIGHT SPOT @ 109'. RIG UP PIN TO PIN XO AND RIG 8" DC. WASHED DOWN TO 214' WITH DRILL PIPE (ENOUGH TO GET DIRECTIONAL TOOLS AND 8" COLLARS IN HOLE). LAY DOWN DRILL PIPE, PIN TO PIN, AND 8" DC. GO BACK TO TRIPPING IN DIRECTIONAL BHA. ALL DIRECTIONAL TOOLS AND 1ST 8" DC (155') TRIPPED IN HOLE AT REPORT TIME.

ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'

NO ACCIDENTS REPORTED.

SAFTEY MEETINGS: TRIPPING IN HOLE.

FUEL USED 357 GALLONS.

11-25-2011	Reported By	KYLAN COOK		
DailyCosts: Drilli	ng \$45,028	Completion	\$0	Daily Total \$45,028
Cum Costs: Drilli	ing \$98,610	Completion	\$0	Well Total \$98,610

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

1,092 0.0 MD 1,099 **TVD** 780 0 MW0.0 **Progress Days** Visc Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: DRILLING @ 1099 Start End Hrs From To **Activity Description** 06:00 08:00 0 0 FINISH TRIPPING IN WITH DIRECTIONAL TOOLS. HAD TO WASH AND REAM ALL THE WAY TO 2.0 BOTTOM. 879 DRILL ROTATE AND SLIDE FROM 319' TO 879'. 560'. ROP 48.7' FPH. 08:00 19:30 11.5 319 WOB ROTATE 10K, SLIDE 12K, ROTARY RPM 44, MOTOR RPM 93, STROKES 136, GPM 517, PSI 550, DIFF PSI 25, 1.4' LEFT AND 3.9' HIGH OF LINE, ROTATE 70% SLIDE 30%, TFO 5L. 0 LOST RETURNS @ 839' USED ALL WATER ON LOCATION DRILLING TO 879'. ONLY 2 BOBTAIL 19:30 00:00 0 4.5 TRUCKS IN FIEILD HAULING PRODUCTION WATER. WAIT FOR MORE TRUCKS FROM TOWN. CALLED OUT MBT AND FLINT TRUCKS. SLOW GETTING TRUCKS DUE TO THANKSGIVING. 879 01:30 989 DRILL ROTATE AND SLIDE FROM 879' TO 989'. 110'. ROP 73' FPH. 00:00 1.5 0 WAIT FOR MORE WATER. 04:30 0 01:30 3.0 04:30 06:00 1.5 989 1099 DRILL ROTATE AND SLIDE FROM 989' TO 1099'. 110'. ROP 73' FPH. WOB ROTATE 15K, SLIDE 12K, ROTARY RPM 44, MOTOR RPM 93, STROKES 136, GPM 517, PSI 550, DIFF PSI 50, 1' LEFT AND 10' HIGH OF LINE, ROTATE 84% SLIDE 16%, TFO 10L. ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19' NO ACCIDENTS REPORTED. SAFTEY MEETINGS: TRIPPING PIPE AND MAKING CONNECTIONS. FUEL USED 655 GALLONS. KYLAN COOK 11-26-2011 Reported By \$33,232 DailyCosts: Drilling Completion \$0 **Daily Total** \$33,232 **Cum Costs: Drilling** \$131,842 Completion \$0 **Well Total** \$131,842 MD **TVD** 1,838 765 0 MW0.0 Visc 0.0 1.864 **Progress** Days PKR Depth: 0.0 **Formation: PBTD**: 0.0 Perf: Activity at Report Time: DRILLING AT 1864' Start From To End Hrs **Activity Description** 06:00 07:30 1.5 1099 1199 DRILL ROTATE AND SLIDE FROM 1099' TO 1199'. 100'. ROP 66.6' FPH. 07:30 08:30 1.0 0 0 WAIT FOR MORE WATER. 08:30 18:00 9.5 1199 1649 DRILL ROTATE AND SLIDE FROM 1199' TO 1649', 450', ROP 47' FPH. WOB ROTATE 13K, SLIDE 16K, ROTARY RPM 44, MOTOR RPM 93, STROKES 136, GPM 517, PSI 700, DIFF PSI 50, 3.8' LEFT AND 20.3' HIGH OF LINE, ROTATE 86% SLIDE 14%, TFO 170R. 1769 DRILL ROTATE AND SLIDE FROM 1649' TO 1769'. 120'. ROP 26.6' FPH. 18:00 22:30 4.5 1649 22:30 01:30 0 WAIT FOR MORE WATER. 3.0 0 01:30 05:30 1769 1864 DRILL ROTATE AND SLIDE FROM 1769' TO 1864', 95', ROP 23.7' FPH. 4.0 WOB ROTATE 15K, SLIDE 18K, ROTARY RPM 44, MOTOR RPM 93, STROKES 136, GPM 517, PSI 850, DIFF PSI 50, 7' LEFT AND 25' HIGH OF LINE, ROTATE 62% SLIDE 38%, TFO 190L. 05:30 06:00 0.5 0 0 WAIT FOR MORE WATER. ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19' NO ACCIDENTS REPORTED. SAFTEY MEETINGS: COLD WEATHER CONDITIONS AND SKID STEER SAFETY. FUEL USED 714 GALLONS. KYLAN COOK 11-27-2011 Reported By

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

DailyCosts: Drilling \$40,463			0,463	Completion \$0				Daily	\$40,463		
Cum Costs	n Costs: Drilling \$172,305			Con	npletion	\$0		Well '	Fotal	\$172,305	
MD	2,206	TVD	2,171	Progress 342		Days	0	MW	0.0	Visc	0.0
Formation: PBTD:			PBTD : 0	.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: CIRCULATE FOR SURFACE CSG.

Start	End	Hrs	From	To	Activity Description
06:00	08:00	2.0	0	0	WAIT FOR MORE WATER.
08:00	15:30	7.5	1864	2206	DRILL ROTATE AND SLIDE FROM 1864' TO 2206'. 342'. ROP 45.6' FPH.
					WOB ROTATE 15K, SLIDE 18K, ROTARY RPM 44, MOTOR RPM 93, STROKES 136, GPM 517, PSI 850, DIFF PSI 100, 16.5' LEFT AND 22' HIGH OF LINE, ROTATE 86% SLIDE 14%, TFO 100R.
					STARTED GETTING ABOUT 85% RETURNS AT 1950'.
15:30	18:00	2.5	0	0	CIRCULATE FOR WIPER TRIP.
18:00	23:30	5.5	0	0	TRIP OUT OF HOLE WITH DIRECTIONAL TOOLS.
23:30	03:30	4.0	0	0	TALLY BHA WITH TRI-CONE AND REAMER. TRIP BACK TO BOTTOM. NO TIGHT HOLE.
03:30	04:00	0.5	0	0	CIRCULATE TO TRIP OUT OF HOLE AND RUN CSG.
04:00	06:00	2.0	0	0	WORK ON PUMP.

ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'

NO ACCIDENTS REPORTED.

SAFTEY MEETINGS: PPE AND TRIPPING OUT OF HOLE.

FUEL USED 774 GALLONS.

11-28-2011	Re	eported By	K	YLAN COOK							
DailyCosts:	Drilling	\$72	,347	Con	pletion	\$0		Daily	Total	\$72,347	
Cum Costs:	Drilling	\$24	4,652	Completion \$0				Well	Total	\$244,652	
MD	2,206	TVD	2,171	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR De _l	oth: 0.0	

Activity at Report Time: CEMENTING SURFACE CSG

=	_				
Start	End	Hrs	From	To	Activity Description
06:00	07:00	1.0	0		0 CIRCULATE TO TRIP OUT OF HOLE AND RUN CSG.
07:00	08:00	1.0	0		0 TRIP OUT OF HOLE TO RUN CSG.
08:00	14:00	6.0	0		0 CHANGE OUT OIL COOLER ON RIG.
14:00	16:00	2.0	0		0 TRIP OUT OF HOLE TO RUN CSG.
16:00	18:00	2.0	0		0 RIG UP TO RUN CSG.
18:00	21:30	3.5	0		0 RUN 52 JTS (2177.82') OF 9–5/8", 36.0#, K–55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 12 CENTRALIZERS SPACED 10' FROM THE SHOE, ON TOP OF JOINTS #2 AND #3 THEN EVERY 5TH COLLAR TO SURFACE. ALSO 2 CENTRALIZERS AT KOP. LANDED @ 2161.82' TVD / 2196.82' MD.
21:30	01:00	3.5	0		0 WASH 25' OF LAST JOINT DOWN. LITTLE TO NO RETURNS WASHING CSG DOWN.
01:00	02:00	1.0	0		0 RUN 200' OF 1" PIPE.
02:00	03:00	1.0	0		0 RDMO CRAIG'S PRESET RIG. RELEASE RIG @ 03:00 AM ON 11/28/11. LAST WELL ON PAD.
03:00	06:00	3.0	0		0 CEMENTING. DETAILS WILL BE ON NEXT REPORT.
					ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19' NO ACCIDENTS REPORTED.
					SAFTEY MEETINGS: TRIPPING PIPE AND RUNNING CASING.

Well Name: CWU 1490-26D Field: CHAPITA DEEP Property: 065351

FUEL USED 119 GALLONS.

11-29-2011	Re	eported By	K	YLAN COOK							
DailyCosts: Drilling \$42,117			,117	Completion \$0				Daily Total \$42,117			
Cum Costs: Drilling \$286,770			6,770	Completion \$0			Well T	Total	\$286,770		
MD	2,206	TVD	2,171	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: WORT

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0		0 CEMENT JOB: MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED
					LINES AND CEMENT VALVE TO 5410 PSI. PUMPED 50 BBLS FRESH WATER & 20 BBLS GELLED
					WATER FLUSH AHEAD OF CEMENT.

LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT WITH 0.3% VERSASET, 2% CAL-SEAL, AND 2% ECONOLITE. MIXED LEAD CEMENT @ 10.5 PPG WITH YIELD OF 4.1 CF/SX. TAIL: MIXED AND PUMPED 300 SACKS (64 BBLS) OF PREMIUM CEMENT WITH 2% CACL2 MIXED TAIL CEMENT @ 15.6 PPG WITH YIELD OF 1.2 CF/SX. DISPLACED CEMENT WITH 165 BBLS FRESH WATER. BUMPED PLUG WITH 727# @ 05:28 AM ON 11/28/11. FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 85 BBLS INTO LEAD CEMENT, LOST RETURNS 158 BBLS INTO LEAD CEMENT. NO CEMENT TO SURFACE.

TOP JOB #1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. NO RETURNS TO SURFACE. WOC 3 HR.

TOP JOB #2: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. NO RETURNS TO SURFACE. WOC 3 HR.

TOP JOB #3: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. NO RETURNS TO SURFACE. WOC 3 HR.

TOP JOB #4: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 75 SX (16 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. GOOD CEMENT TO SURFACE. CEMENT FELL BACK. WOC 2 HR.

TOP JOB #5: PUMP DOWN 6' OF 1" PIPE. MIXED & PUMPED 50 SX (10 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. GOOD CEMENT TO SURFACE. HOLE STOOD FULL.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

KYLAN COOK NOTIFIED BLM VIA E-MAIL OF THE SURFACE CASING & CEMENT JOB ON 11/25/11 @ 17:00 PM. KYLAN COOK NOTIFIED CAROL DANIELS WITH UDOGM VIA PHONE OF THE SURFACE CASING & CEMENT JOB ON 11/25/11 @ 17:00 PM.

12-05-2011	Re	ported By	I	BILL SNAPP							
DailyCosts: Drilling		\$28,468		Completion \$0				Daily Total			
Cum Costs: Drilling \$315,239		5,239	Completion \$0				Well Total \$3				
MD	2,206	TVD	2,171	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: MIRURT

Start	End	Hrs	From To	Activity Description
06:00	18:00	12.0	0	0 MOVE RIG 13 MILES. SUB SET AND LEVELED, PITS, PUMPS SET. RIG 25 % RIGGED UP. ETA DAYWORK 15:00. HRS 12/5/11.
18:00	06:00	12.0	0	0 WAIT ON DAYLIGHT.

FULL CREWS, NO ACCIDENTS.

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

SAFETY MEETING – RIG MOVE, 6' TIE–OFF, FORKLIFT, CRANE W/ RW JONES TRKNG, MT WEST, C&G ELECTRIC, RIG CREW.

 $FUEL-2278,\,USED-0.$

12-06-2	2011	Repor	ted By		BILL SNA	PP						
DailyCo	sts: Drilli	ing	\$70,4	83		Completion	\$0		Dail	y Total	\$70,483	
Cum Co	osts: Drilli	ing	\$385	722		Completion	\$0		Well	Total	\$385,722	
MD	2,21	6 T	V D	2,21	6 Progr	ess 0	Days	0	MW	10.6	Visc	35.0
Format	ion :			PBTD	0.0		Perf:			PKR Dep	th: 0.0	
Activity	at Repor	t Time:	FIT @ S	URFACI	E CSG SHOE	E.						
Start	End	Hrs	From	To	Activity I	Description						
06:00	17:00	11.0) 0	() SAFETY N	MEETING. RIG	UP, FORKLII	FT, CRANE V	V/ RW JONE	S TRUCKNG,	MT WEST,	RIG CREW.
					1400, RAIS	ET DOGHOUSE, SE DERRICK @ AND FLARE LIN	12:00 HRS.,	RIG UP PITS				
17:00	22:30	5.5	5 0	(AND TEST UPPER & I	T STACK. VISU T PIPE RAMS, B LOWER KELLY IULAR PREVEN N TEST.	LIND RAMS & INSIDE I	S, HCR, CHO BOP 5000 PS	KE LINES, 1 I HIGH – 10	MANIFOLD, MINUTES / 2	KILL LINE V 50 PSI LOW	VALVES, – 10 MIN.
						ING TO 1500 PS TIFIED 12–3–11		OK. TRUE R	IG #34 ON D	AY WORK @	17:00 12/5/	11BLM &
22:30	03:00	4.5	5 0	() INSTALL V AND DP.	WEAR BUSHING	G, PJSM, RIC	G UP WEATH	ERFORD TI	RS AND PICK	UP DIRECT	TONAL BHA
03:00	04:00	1.0	0	() TORQUE I	KELLY AND INS	STALL KELL	Y DRIVE BU	JSHING ANI	D ROTATING	HEAD.	
04:00	04:30	0.5	5 0	2134	PU SINGL	ES TO TAG UP	@ 2134'.					
04:30	05:30	1.0	0	2151	DRILL CE	MENT F/2134' T	O 2196', FC	@ 2151', SH	OE @ 2196'.			
05:30	06:00	0.5	5 0	2216	5 DRILL F/ 2	2196' – 2216'. FI	T TO 12 PPG	MUD WT. E	QUIVALEN	Γ.		
						WS, NO ACCID MEETING – RIG		G BOP				

12-07-2011	Re	eported By	F	BILL SNAPP							
DailyCosts: I	Drilling	\$45,7	14	Con	npletion	\$0		Daily	Total	\$45,714	
Cum Costs: 1	Drilling	\$431	,436	Con	npletion	\$0		Well	Total	\$431,436	
MD	3,800	TVD	3,637	Progress	1,584	Days	1	MW	10.3	Visc	33.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

FUEL - 9234 GAL., USED - 1044 GAL. RCVD 8000 GAL.

Activity at Report Time: DRILLING @ 3800'

Start	End	Hrs	From	To	Activity Description
06:00	15:00	9.0	2216	2830	ROTATE & SLIDE 2216' $-$ 2830'. = 614' ROP 68 FPH,WOB 12–17K, RPM 57/68, SPP 1780 PSI, DP 200–300 PSI.
15:00	15:30	0.5	0	0	SERVICE RIG
15:30	06:00	14.5	2830	3800	ROTATE & SLIDE 2830' – 3800'.= 970' ROP 67 FPH, WOB 15–20K, RPM 57/68, SPP 1780 PSI, DP 200–300 PSI.

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

SLIDE-21% ROTATE-79%

FULL CREWS, NO ACCIDENTS.

BOP DRILL: DAY TOUR

SAFETY MEETING – ICY CONDITIONS

FUEL - 7866 GAL., USED - 1368 GAL.

06:00			0	0	SPUD 7-7/8" HO	LE @ 6:00	AM, 12/6/11	-				
12-08-	2011	Repor	ted By		BILL SNAPP							
DailyCo	osts: Drilli	ing	\$44,8	64	Cor	npletion	\$0		Dail	y Total	\$44,864	
Cum C	osts: Drill	ing	\$476,	300	Cor	npletion	\$0		Well	Total	\$476,300	
MD	4,98	30 T	/ D	4,79	3 Progress	1,180	Days	2	MW	10.6	Visc	35.0
Format	ion :			PBTD	: 0.0		Perf:			PKR De	pth : 0.0	
Activity	at Repor	t Time:	DRILLIN	NG @ 49	80'							
Start	End	Hrs	From	To	Activity Descri	ption						
06:00	17:00	11.0	3800	4401	ROTATE & SLID 300 PSI.	_	1401'.= 601'	ROP 54.6 FP	H,WOB 15–2	20K, RPM 57/	68, SPP 1990 P	PSI, DP 200-
17:00	17:30	0.5			SERVICE RIG.							
17:30	06:00	12.5	4401	0	ROTATE & SLID 300 PSI.	E 4401' – 4	1980'.= 579'`	ROP 46 FPH	,WOB 15–25	6K, RPM 57/68	3, SPP 2190 PS	I, DP 200–
					SLIDE-4.5% RO	OTATE-95	5%.					
					FULL CREWS, N	IO ACCIDI	ENTS.					
					FUNC. COM.							
					BOP DRILL: DA	Y & NIGH	ΓTOURS					
					SAFETY MEETI	NG – CHE	CKING PH (ON BOILER.				
					FUEL - 6042 GA	L., USED	- 1824 GAL.					
12-09-	2011	Repor	ted By		BILL SNAPP							
DailyCo	osts: Drilli	ng	\$40,3	42	Cor	npletion	\$0		Dail	y Total	\$40,342	
Cum C	osts: Drill	ing	\$516,	643	Cor	npletion	\$0		Well	Total	\$516,643	
MD	5,90	00 T V	/ D	5,73	2 Progress	920	Days	3	MW	10.6	Visc	34.0
Format	ion :			PBTD	: 0.0		Perf :			PKR De	pth: 0.0	
Activity	at Repor	t Time:	DRILLIN	NG @ 59	00'					,	_	
Start	End	Hrs	From		Activity Descri	ntion						
06:00	17:00	11.0			ROTATE & SLID 300 PSI.	_	5369'.= 389'	ROP 35.36FI	PH,WOB 15-	-25K, RPM 57	/68, SPP 2190 I	PSI, DP 200
					FORMATION TO	PS: WASA	TCH @ 4630)', CHAPITA	WELLS@ 5	5222'.		
17:00	17:30	0.5	0	0	SERVICE RIG.							
17:30	06:00	12.5	5369	5900	ROTATE & SLID 200–300 PSI. LO							
					FORMATION TO	PS: BUCK	CANYON	5894'				
					SLIDE-3% ROT							
					FULL CREWS, N							
					FUNC. COM.							

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

BOP DRILL: DAY & NIGHT TOURS

SAFETY MEETING – FIRE PROTECTION AND PREVENTION.

FUEL - 3990 GAL., USED - 2052 GAL.

					FUEL - 3990 GA	AL., USED	– 2052 GAL.					
12-10-	2011	Repor	ted By		BILL SNAPP							
DailyCo	osts: Drilli	ng	\$77,04	14	Con	mpletion	\$2,888		Dail	y Total	\$79,932	
Cum C	osts: Drill	ing	\$593,0	587	Con	mpletion	\$2,888		Well	Total	\$596,575	
MD	6,78	80 T V	V D	6,724	4 Progress	880	Days	4	MW	10.8	Visc	38.0
Format	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	DRILLIN	IG @ 678	30'							
Start	End	Hrs	From	То	Activity Descri	iption						
06:00	15:30	9.5	5900	6307	ROTATE & SLID 300 PSI.	DE 5900' – 6	5307'.= 407' R	OP 42.8 FP	H,WOB 15–2	25K, RPM 57/	68, SPP 2209 P	SI, DP 200-
15:30	16:00	0.5	0	0	SERVICE RIG							
16:00	06:00	14.0	6307	0	ROTATE & SLID 300 PSI.	DE 6307' – 6	5780'.= 473' R	OP 39.4 FP	H,WOB 15–2	25K, RPM 57/	68, SPP 2320 P	SI, DP 200-
					FORMATION TO SLIDE-3% RO' FULL CREWS, I FUNC. COM. BOP DRILL: DA SAFETY MEETI FUEL – 8436 GA	TATE–97% NO ACCIDI .Y & NIGH ING – UNL	ENTS. I' TOURS OADING CA	SING.	GAL.			
12–11–	2011	Repor	ted By		BILL SNAPP							
	osts: Drilli	_	\$38,22	29		mpletion	\$0		Dail	y Total	\$38,229	
=	osts: Drill	_	\$631,9			mpletion	\$2,888			Total	\$634,804	
MD	7,48	_	V D	7,424		700	Days	5	MW	11.0	Visc	43.0
Format	ion :			PBTD	- 6		Perf:			PKR Dep		
Activity	at Repor	t Time:								•		
Start	End	Hrs	From	То	Activity Descri	iption						
06:00	15:30	9.5	6780	7057	ROTATE & SLID 300 PSI.	DE 6780' – 7				K, RPM 57/68	3, SPP 2320 PS	I, DP 200-
15.00	16.00	0.5		0	FORMATION TO	OPS: KMV	PRICE RIVEI	R@ 7027' M	ID			
15:30	16:00	0.5			SERVICE RIG	NE 70572	7490; 422; D	OD 25 25 E	DII WOD 15	25V DDM 57	UCO CDD 2220	DCI DD
16:00	06:00	14.0	7057	U	ROTATE & SLID 200–350 PSI.	DE 7057 — 7	7480 .= 423 R	.OP 33.23 F	PH,WOB 15-	-23 K , RPM 37	708, SPP 2320	PS1, DP
					SLIDE-4.27% 1	ROTATE-9:	5.73%.					
					FULL CREWS, 1	NO ACCIDI	ENTS.					
					FUNC. COM.							
					BOP DRILL: DA	Y & NIGH	ΓTOURS					
					SAFETY MEET	ING – THA	WING W/STE	EAM.				
					FUEL - 6384 GA	AL., USED	- 2052 GAL.					
12-12-	2011	Repor	ted By		BILL SNAPP							

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

•	osts: Drilli	_	\$39,21 \$671,		Comple			Daily		\$39,220 \$674,025	
	osts: Drilli	_			Comple			Well '			27.0
MD	8,30	00 T V	ď	8,24		820 Days	6	MW	11.2	Visc	37.0
Formati A otivity		t Timat	DDII I IX	PBTD		Perf:			PKR Dep	oth: 0.0	
-	at Repor										
Start	End	Hrs	From		Activity Description		D 20 4 EDIL	WOD 15 24	EV DDM 57/	CO CDD 2420 D	TI DD 20
06:00	17:00	11.0	7480	7902	ROTATE & SLIDE 74 350 PSI.				5K, KPM 5//	68, SPP 2420 PS	SI, DP 20
					FORMATION TOPS:	KMV PRICE RIVER	MIDDLE@	7872'			
17:00	17:30	0.5	0		SERVICE RIG						
17:30	06:00	12.5	7902	8290	ROTATE & SLIDE 79 200–350 PSI.	902' – 8300'.= 398' RC	P 31.84 FPH	I,WOB 15–2	25K, RPM 57	7/68, SPP 2546 I	PSI, DP
					SLIDE-1.85% ROTA	ATE-98.15%.					
					FULL CREWS, NO A	CCIDENTS.					
					FUNC. COM.						
					BOP DRILL: DAY &						
					SAFETY MEETING		E LIGHTPL <i>A</i>	ANT.			
					FUEL – 4332 GAL., U	USED – 2052 GAL.					
12–13–2	2011	Repor	ted By		BILL SNAPP						
DailyCo	osts: Drilli	ing	\$38,6	22	Comple	etion \$0		Daily	Total	\$38,622	
Cum Co	osts: Drilli	ing	\$709,	759	Comple	etion \$2,888		Well '	Total	\$712,647	
MD	9,06	50 TV	/D	9,00	4 Progress	760 Days	7	MW	11.4	Visc	37.0
Formati	ion :			PBTD	: 0.0	Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	DRILLIN	NG @ 9,0	060'						
Start	End	Hrs		TT.	A ativity Description						
	Liiu	1113	From	10	Activity Description	n					
06:00	15:00	9.0			ROTATE & SLIDE 83 350 PSI.		P 31.9 FPH,	WOB 15-25	5K, RPM 57/	68, SPP 2520 PS	SI, DP 20
06:00 15:00			8300	8587	ROTATE & SLIDE 83		P 31.9 FPH,	WOB 15–25	5K, RPM 57/	68, SPP 2520 PS	SI, DP 20
	15:00	9.0	8300	8587 0	ROTATE & SLIDE 83 350 PSI.	900' – 8587'.= 287' RC					
15:00	15:00 15:30	9.0	8300	8587 0	ROTATE & SLIDE 83 350 PSI. SERVICE RIG ROTATE & SLIDE 85	:00' – 8587'.= 287' RC	P 32.6 FPH,	WOB 15–25			
15:00	15:00 15:30	9.0	8300	8587 0	ROTATE & SLIDE 83 350 PSI. SERVICE RIG ROTATE & SLIDE 85 400 PSI.	600' – 8587'.= 287' RC 687' – 9060'.= 473' RC KMV PRICE RIVER	P 32.6 FPH,	WOB 15–25			
15:00	15:00 15:30	9.0	8300	8587 0	ROTATE & SLIDE 83 350 PSI. SERVICE RIG ROTATE & SLIDE 85 400 PSI. FORMATION TOPS:	:00' – 8587'.= 287' RC :87' – 9060'.= 473' RC KMV PRICE RIVER 1.4 PPG.	P 32.6 FPH,	WOB 15–25			
15:00	15:00 15:30	9.0	8300	8587 0	ROTATE & SLIDE 83 350 PSI. SERVICE RIG ROTATE & SLIDE 85 400 PSI. FORMATION TOPS: MUD: VIS 37 WT. 1	600' – 8587'.= 287' RC 687' – 9060'.= 473' RC KMV PRICE RIVER 1.4 PPG. 5–100%.	P 32.6 FPH,	WOB 15–25			
15:00	15:00 15:30	9.0	8300	8587 0	ROTATE & SLIDE 83 350 PSI. SERVICE RIG ROTATE & SLIDE 85 400 PSI. FORMATION TOPS: MUD: VIS 37 WT. 1 SLIDE-0% ROTATE	600' – 8587'.= 287' RC 687' – 9060'.= 473' RC KMV PRICE RIVER 1.4 PPG. 5–100%.	P 32.6 FPH,	WOB 15–25			
15:00	15:00 15:30	9.0	8300	8587 0	ROTATE & SLIDE 83 350 PSI. SERVICE RIG ROTATE & SLIDE 85 400 PSI. FORMATION TOPS: MUD: VIS 37 WT. 1 SLIDE-0% ROTATE FULL CREWS, NO A FUNC. COM. BOP DRILL: DAY &	600' – 8587'.= 287' RC 687' – 9060'.= 473' RC KMV PRICE RIVER 1.4 PPG. 3–100%. CCIDENTS.	P 32.6 FPH, LOWER@ 8	WOB 15–25			
15:00	15:00 15:30	9.0	8300	8587 0	ROTATE & SLIDE 83 350 PSI. SERVICE RIG ROTATE & SLIDE 85 400 PSI. FORMATION TOPS: MUD: VIS 37 WT. 1 SLIDE-0% ROTATE FULL CREWS, NO A FUNC. COM.	600' – 8587'.= 287' RC 687' – 9060'.= 473' RC KMV PRICE RIVER 1.4 PPG. 3–100%. CCIDENTS.	P 32.6 FPH, LOWER@ 8	WOB 15–25			
15:00	15:00 15:30	9.0	8300	8587 0	ROTATE & SLIDE 83 350 PSI. SERVICE RIG ROTATE & SLIDE 85 400 PSI. FORMATION TOPS: MUD: VIS 37 WT. 1 SLIDE-0% ROTATE FULL CREWS, NO A FUNC. COM. BOP DRILL: DAY &	100' – 8587'.= 287' RC 187' – 9060'.= 473' RC KMV PRICE RIVER 1.4 PPG. 1.4 PPG. 1.4 CCIDENTS. CCIDENTS. NIGHT TOURS – ELECTRICAL EQU	P 32.6 FPH, LOWER@ 8	WOB 15–25			
15:00	15:00 15:30 06:00	9.0	8300 6 0 6 8587	8587 0	ROTATE & SLIDE 83 350 PSI. SERVICE RIG ROTATE & SLIDE 85 400 PSI. FORMATION TOPS: MUD: VIS 37 WT. 1 SLIDE-0% ROTATE FULL CREWS, NO A FUNC. COM. BOP DRILL: DAY & SAFETY MEETING	100' – 8587'.= 287' RC 187' – 9060'.= 473' RC KMV PRICE RIVER 1.4 PPG. 1.4 PPG. 1.4 CCIDENTS. CCIDENTS. NIGHT TOURS – ELECTRICAL EQU	P 32.6 FPH, LOWER@ 8	WOB 15–25			
15:00 15:30	15:00 15:30 06:00	9.0 0.5 14.5	8300 6 0 6 8587	8587 0 0	ROTATE & SLIDE 83 350 PSI. SERVICE RIG ROTATE & SLIDE 85 400 PSI. FORMATION TOPS: MUD: VIS 37 WT. 1 SLIDE-0% ROTATE FULL CREWS, NO A FUNC. COM. BOP DRILL: DAY & SAFETY MEETING FUEL - 2280 GAL., 1	100' – 8587'.= 287' RC 187' – 9060'.= 473' RC KMV PRICE RIVER 1.4 PPG. 3–100%. CCIDENTS. NIGHT TOURS – ELECTRICAL EQU USED – 2052 GAL.	P 32.6 FPH, LOWER@ 8	WOB 15–25	5K, RPM 57/		
15:00 15:30 12-14-2 DailyCo	15:00 15:30 06:00	9.0 0.5 14.5 Repor	8300 6 0 7 8587 ted By	8587 0 0	ROTATE & SLIDE 83 350 PSI. SERVICE RIG ROTATE & SLIDE 85 400 PSI. FORMATION TOPS: MUD: VIS 37 WT. 1 SLIDE-0% ROTATE FULL CREWS, NO A FUNC. COM. BOP DRILL: DAY & SAFETY MEETING FUEL - 2280 GAL., U BILL SNAPP	100' – 8587'.= 287' RC 187' – 9060'.= 473' RC KMV PRICE RIVER 1.4 PPG. E-100%. CCIDENTS. NIGHT TOURS – ELECTRICAL EQU USED – 2052 GAL.	P 32.6 FPH, LOWER@ 8	WOB 15–25	5K, RPM 57/	68, SPP 2646 PS	
15:00 15:30 2-14-2 DailyCo	15:00 15:30 06:00 2011 osts: Drilli	9.0 0.5 14.5 Reporting	8300 6 0 7 8587 ted By \$82,4 \$792,	8587 0 0	ROTATE & SLIDE 83 350 PSI. SERVICE RIG ROTATE & SLIDE 85 400 PSI. FORMATION TOPS: MUD: VIS 37 WT. 1 SLIDE-0% ROTATE FULL CREWS, NO A FUNC. COM. BOP DRILL: DAY & SAFETY MEETING FUEL - 2280 GAL., U BILL SNAPP Comple Comple	100' – 8587'.= 287' RC 187' – 9060'.= 473' RC KMV PRICE RIVER 1.4 PPG. E-100%. CCIDENTS. NIGHT TOURS – ELECTRICAL EQU USED – 2052 GAL.	P 32.6 FPH, LOWER@ 8	WOB 15–23	5K, RPM 57/	68, SPP 2646 PS	

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: DRILLING @ 92683 Start End Hrs From To **Activity Description** 06:00 14:00 8.0 9060 9185 ROTATE & SLIDE 9060' - 9185'.= 125' ROP 15.6 FPH, WOB 15-25K, RPM 57/68, SPP 2646 PSI, DP 200-400 PSI. FORMATION TOPS: SEGO @ 9175' MUD: VIS 40 WT. 11.5 PPG. 14:00 14:30 0.5 0 0 SERVICE RIG 14:30 15:00 0.5 9185 9187 ROTATE & SLIDE 9185' - 9187' = 2' ROP 4 FPH, WOB 15-25K, RPM 57/68, SPP 2646 PSI, DP 200-400 MUD MOTOR SPIKING TO 600 PSI. FORMATION TOPS: SEGO @ 9175' MUD: VIS 40 WT. 11.5 PPG. SLIDE-0% ROTATE-100%. 15:00 17:00 2.0 0 9187 CIRCULATE 1 1/2 BOTTOMS UP, FILL TRIP TANK, MIX AND PUMP DRYING SLUG. 0 CHECK FOR FLOW, TRIP OUT FOR BIT/MOTOR. MONITORING TRIP TANK, TOOK 12 BBL EXCESS 17:00 22:00 5.0 0 FILL.TIGHT HOLE F/4800' TO 4500', WORK TIGHT HOLE F/3580' TO 3550'. 22:00 23:00 1.0 0 0 LD DIRECTIONAL TOOLS. PU CONVENTIONAL (NOV) MUD MOTOR AND BIT #4. 23:00 03:30 4.5 0 9187 TIH, W/R 30' TO BOTTOM, 20' FLARE LASTING 15 MIN. PUMPING @ 408 GPM.GAS BUBBLE CAME @ 4000 STROKES. BOTTOMS UP STROKES @ 4875. 03:30 06:00 9187 9268 ROTATE F/ 9187' - 9268'.= 81' ROP 32.4 FPH, WOB 15-25K, RPM 57/68, SPP 2500 PSI, DP 200-400 PSI. 2.5 FORMATION TOPS: SEGO @ 9175' MUD: VIS 42 WT. 11.5 PPG. FULL CREWS, NO ACCIDENTS. FUNC. COM. BOP DRILL: DAYS SAFETY MEETING - LD DIRECTIONAL TOOLS. FUEL - 8322 GAL., USED - 1958 GAL. RCVD 8000 GAL 12-15-2011 JOHNNY TURNER/BILL SNAPP Reported By \$49,561 DailyCosts: Drilling \$0 **Daily Total** \$49,561 Completion **Cum Costs: Drilling** \$841,770 Completion \$2,888 Well Total \$844,658 MD 9,375 **TVD** 9,319 107 MW11.8 44.0 **Progress** Days Visc **PBTD**: 0.0 Perf: PKR Depth: 0.0 **Formation:** Activity at Report Time: CIRCULATING @ TD Start End From To **Activity Description** Hrs 06:00 09:00 9361 ROTATE F/ 9268' - 9361 '.= 93' ROP 31 FPH, WOB 15-25K, RPM 57/68, SPP 2500 PSI, DP 200-300 PSI. 3.0 9268 FORMATION TOPS: SEGO @ 9175' MUD: VIS 42 WT. 11.5 PPG. FULL CREWS, NO ACCIDENTS. FUNC. COM. BOP DRILL: DAYS SAFETY MEETING - LD DIRECTIONAL TOOLS. FUEL - 8322 GAL., USED - 1958 GAL. RCVD 8000 GAL 09:00 09:30 0.5 0 0 SERVICE RIG.

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

09:30	10:00	0.5	0		0 ROTATE F/ 9361	' – 9375' =	14' ROP 28 FPF	I WOR 15	_25K_RPN	1 57/68 SPP 2	2500 PSL DP 20	0-300 PSI
07.50	10.00	0.5	Ü		FORMATION TO			1, 11 01 13	2311, 1011	137700, 511 2	200 1 51, 51 20	0 300 1 51.
					MUD: VIS 42 W							
					REACHED TD @			Н@ 10:0) HRS. 12/1	4/11.		
10:00	11:00	1.0	0		0 CIRCULATE FO	R WIPER T	RIP.					
11:00	12:00	1.0	0		0 SHORT TRIP 10	STDS. HO	LE IN GOOD C	ONDITIO	N.			
12:00	13:30	1.5	0		0 CIRCULATE @ 7	TD TO LAY	DOWN DRIL	LPIPE.				
13:30	14:00	0.5	0		0 DROP INCLINAT	ΓΙΟΝ SURV	EY TOOL & P	UMP PILI	L. SURVEY	'AT 9315' = 2	.7 DEGREES.	
14:00	19:00	5.0	0		0 LAY DOWN 4 1/	2" D.P.						
19:00	20:00	1.0	0		0 PICK UP KELLY	& BREAK	KELLY.					
20:00	21:30	1.5	0		0 LAY DOWN BH	A,						
21:30	22:00	0.5	0		0 PULL WEAR BU	SHING.						
22:00	05:00	7.0	0	1	0 RUN 220 JOINTS JOINTS. FLOAT BOTTOM, LAY	SHOE AT	9358', FLOAT (COLLAR	AT 9312', N	ARKER JOI	NTS AT 7012' &	
05:00	06:00	1.0	0		0 MAKE UP CEMI	ENT HEAD	, CIRCULATE	CASING (ON BOTTC	OM.		
					FULL CREWS, N	IO ACCIDI	ENTS.					
					FUNC. COM.							
					BOP DRILL: DA	YS						
					SAFETY MEETI	NG – LD E	P & RUNNING	CASING				
					FUEL – 6954 GA	.L., USED -	- 1367 GAL.					
12-16-	2011	Renor	ted By			L., USED - N AT 9315' ITH HEAD N TO MTI HE CLOSE	- 1367 GAL. IS A PROJECT ING TO THE C USING THE I	TON USIN LOSEST T	NG THE IN TARGET BO TON SURV	OUNDARY. S	SURVEY SHOW	VN AT 9375'
12–16–;		Report	-	Q	FUEL – 6954 GA SURVEY SHOW AND AN AZIMU IS A PROJECTIC HEADING TO TO JOHNNY TURNI	L., USED - N AT 9315' ITH HEAD N TO MTI HE CLOSE	- 1367 GAL. IS A PROJECT ING TO THE C) USING THE I ST TARGET BO	TON USIN LOSEST T	NG THE IN TARGET BO TION SURV Y.	OUNDARY. S EY AT 9315'	SURVEY SHOV AND THE AZIN	VN AT 9375'
DailyCo	sts: Drilli	ng	\$6,08		FUEL – 6954 GA SURVEY SHOW AND AN AZIMU IS A PROJECTIO HEADING TO THE	L., USED - N AT 9315' ITH HEAD N TO MTI HE CLOSE ER mpletion	IS A PROJECT ING TO THE C DUSING THE I ST TARGET BO \$156,090	TON USIN LOSEST T	NG THE IN TARGET B ION SURV Y. Dai	OUNDARY. SEY AT 9315'	SURVEY SHOV AND THE AZIN \$162,179	VN AT 9375'
DailyCo	osts: Drilli osts: Drilli	ng	\$6,08 \$847,	860	FUEL – 6954 GA SURVEY SHOW AND AN AZIMU IS A PROJECTIO HEADING TO TO JOHNNY TURNO Cor	L., USED - N AT 9315' ITH HEAD N TO MTI HE CLOSE ER npletion npletion	IS A PROJECTING TO THE COUSING THE IST TARGET BOST 156,090	TON USIN LOSEST T NCLINAT DUNDAR	NG THE IN FARGET BO FION SURV Y. Dai Wei	OUNDARY. SEY AT 9315' ly Total	SURVEY SHOW AND THE AZIN \$162,179 \$1,006,838	VN AT 9375' MUTH
DailyCo	osts: Drilli osts: Drilli 9,37	ng	\$6,08 \$847,	860 9,3	FUEL – 6954 GA SURVEY SHOW AND AN AZIMU IS A PROJECTIC HEADING TO TO JOHNNY TURNI Cor Cor 19 Progress	L., USED - N AT 9315' ITH HEAD N TO MTI HE CLOSE ER mpletion	IS A PROJECT ING TO THE C DUSING THE I ST TARGET BO \$156,090 \$158,978 Days	TON USIN LOSEST T	NG THE IN TARGET B ION SURV Y. Dai	OUNDARY. SEY AT 9315' Ly Total Il Total 0.0	\$162,179 \$1,006,838 Visc	VN AT 9375'
DailyCo Cum Co MD Format	osts: Drilli osts: Drilli 9,37 ion :	ing	\$6,08 \$847,	9,3 PBTI	FUEL – 6954 GA SURVEY SHOW AND AN AZIMU IS A PROJECTIO HEADING TO TO JOHNNY TURNO Cor Cor 19 Progress D: 0.0	L., USED - N AT 9315' ITH HEAD N TO MTI HE CLOSE ER npletion npletion	IS A PROJECTING TO THE COUSING THE IST TARGET BOST 156,090	TON USIN LOSEST T NCLINAT DUNDAR	NG THE IN FARGET BO FION SURV Y. Dai Wei	OUNDARY. SEY AT 9315' Ly Total Il Total 0.0	SURVEY SHOW AND THE AZIN \$162,179 \$1,006,838	VN AT 9375' MUTH
DailyCo Cum Co MD Format	osts: Drilli osts: Drilli 9,37 ion :	ing	\$6,08 \$847,	9,3 PBTI	FUEL – 6954 GA SURVEY SHOW AND AN AZIMU IS A PROJECTIC HEADING TO TO JOHNNY TURNI Cor Cor 19 Progress	L., USED - N AT 9315' ITH HEAD N TO MTI HE CLOSE ER npletion npletion	IS A PROJECT ING TO THE C DUSING THE I ST TARGET BO \$156,090 \$158,978 Days	TON USIN LOSEST T NCLINAT DUNDAR	NG THE IN FARGET BO FION SURV Y. Dai Wei	OUNDARY. SEY AT 9315' Ly Total Il Total 0.0	\$162,179 \$1,006,838 Visc	VN AT 9375' MUTH
DailyCo Cum Co MD Format	osts: Drilli osts: Drilli 9,37 ion :	ing	\$6,08 \$847,	9,3 PBTI TO TH	FUEL – 6954 GA SURVEY SHOW AND AN AZIMU IS A PROJECTIO HEADING TO TO JOHNNY TURNO Cor Cor 19 Progress D: 0.0	L., USED - N AT 9315' ITH HEAD IN TO MTI HE CLOSE ER Inpletion 0	IS A PROJECT ING TO THE C DUSING THE I ST TARGET BO \$156,090 \$158,978 Days	TON USIN LOSEST T NCLINAT DUNDAR	NG THE IN FARGET BO FION SURV Y. Dai Wei	OUNDARY. SEY AT 9315' Ly Total Il Total 0.0	\$162,179 \$1,006,838 Visc	VN AT 9375' MUTH
DailyCo Cum Co MD Format Activity	osts: Drilli osts: Drilli 9,37 ion : at Repor	ng ing 5 TV t Time:	\$6,08 \$847, TD MOVED From	9,3 PBTI TO TH To	FUEL – 6954 GA SURVEY SHOW AND AN AZIMU IS A PROJECTIC HEADING TO TO JOHNNY TURNO Cor Cor 19 Progress D: 0.0 E CWU 1489–26D	N AT 9315' ITH HEAD IN TO MTI HE CLOSE ER Inpletion 0 ption SING ON I	IS A PROJECTING TO THE COUSING THE IST TARGET BOST TAR	TION USIN LOSEST T NCLINAT DUNDAR	NG THE IN FARGET BO FION SURV Y. Dai Wei MW	OUNDARY. SEY AT 9315' Ly Total Il Total 0.0 PKR Do	\$162,179 \$1,006,838 Visc epth : 0.0	VN AT 9375' MUTH 0.0
DailyCo Cum Co MD Format Activity Start	osts: Drilli osts: Drilli 9,37 ion : vat Repor	ng ing 5 TV t Time:	\$6,08 \$847, TD MOVED From	9,3 PBTI TO TH To	FUEL – 6954 GA SURVEY SHOW AND AN AZIMU IS A PROJECTIO HEADING TO TH JOHNNY TURNI Cor Cor 19 Progress D: 0.0 E CWU 1489–26D Activity Descri 0 CIRCULATE CA	N AT 9315' ITH HEAD IN TO MTI HE CLOSE ER INDICATE OF OF SING ON I OF OF COMEN LIBURTOR COMEN COMEN LIBURTOR COMEN	- 1367 GAL. IS A PROJECTING TO THE COUSING THE IST TARGET BE STARGET GALL CE	TION USIN LOSEST T NCLINAT DUNDAR 10 FLARE FO KS (149 B EMENT, 1 MENT, DI	Dai Wei MW	OUNDARY. SEY AT 9315' Ily Total 0.0 PKR Do ON BOTTO! 2.5#, 1.61 YIE 71 BBLS) OF	\$162,179 \$1,006,838 Visc epth: 0.0 MS UP) RIG UP	VN AT 9375' MUTH 0.0 UTONITE, ELD W/
DailyCo Cum Co MD Format Activity Start 06:00	osts: Drilli 9,37 ion : at Repor End 08:30	ing 5 TV t Time: Hrs 2.5	\$6,08 \$847, TD MOVED From 0	9,3 PBTI TO TH To	FUEL - 6954 GA SURVEY SHOW AND AN AZIMU IS A PROJECTIO HEADING TO TI JOHNNY TURNI Cor 19 Progress D: 0.0 E CWU 1489-26D Activity Descri 0 CIRCULATE CA HALIBURTON T 0 CEMENT W/ HA 0.3% VERSASET 0.125 LBM POLY	LL, USED - N AT 9315' ITH HEAD IN TO MTI HE CLOSE ER IN ITH HEAD ON TO MTI HE CLOSE OF THE CLOSE IN ITH HEAD ON TO MTI HE CLOSE TO CEMEN LIBURTO TO C.5% HR- HE-FLAK DID NOT I	- 1367 GAL. IS A PROJECT ING TO THE COUSING THE IST TARGET BO \$156,090 \$158,978 Days Perf: BOTTOM. (10' Int. N, PUMP 515 S5 OF LEAD COE OF TAIL CEDUMP PLUG, CO	ION USIN LOSEST T NCLINAT DUNDAR 10 FLARE FO KS (149 B EMENT, 1 MENT, DI HECK FL	Dai Web DR 15 MIN 360 SKS (3 SPLACED OATS, FLC	OUNDARY. SEY AT 9315' Ily Total 0.0 PKR Do ON BOTTO! 2.5#, 1.61 YIE 71 BBLS) OF	\$162,179 \$1,006,838 Visc epth: 0.0 MS UP) RIG UP	VN AT 9375' MUTH 0.0 UTONITE, ELD W/
DailyCo Cum Co MD Format Activity Start 06:00 08:30	osts: Drilli 9,37 ion : r at Repor End 08:30 11:30	ing 5 TV t Time: Hrs 2.5 3.0	\$6,08 \$847, TD MOVED From 0	9,3 PBTI TO TH To	SURVEY SHOW AND AN AZIMU IS A PROJECTIO HEADING TO TO JOHNNY TURNO COT 19 Progress D: 0.0 E CWU 1489–26D Activity Descri 0 CIRCULATE CA HALIBURTON TO 0 CEMENT W/ HA 0.3% VERSASET 0.125 LBM POLY GPT MYACIDE,	L., USED N AT 9315' ITH HEAD N TO MTI HE CLOSE ER Inpletion 0 ption SING ON I O CEMEN LIBURTOR C, 0.5% HR- I—E—FLAK DID NOT I ING UP TO	Language Poly State Control of the C	FLARE FO KS (149 B EMENT, 1 MENT, DI HECK FL	Dai Wei MW DR 15 MIN. BLS) OF 1: 360 SKS (3 SPLACED OATS, FLC	OUNDARY. SEY AT 9315' Ily Total 0.0 PKR DO . ON BOTTO! 2.5#, 1.61 YIE 71 BBLS) OF W/ 147 BBLS DATS HELD.	\$162,179 \$1,006,838 Visc epth: 0.0 MS UP) RIG UP (LD W/ 4% BEN (13.5#, 1.47 YIE OF FRESH WA	VN AT 9375' MUTH 0.0 UTONITE, ELD W/
DailyCo Cum Co MD Format Activity Start 06:00 08:30	osts: Drilli 9,37 ion : vat Repor End 08:30 11:30	ng ing 55 TV t Time: Hrs 2.5 3.0	\$6,08 \$847, TD MOVED From 0 0	9,3 PBTI TO TH To	SURVEY SHOW AND AN AZIMU IS A PROJECTIC HEADING TO THE STORM TO THE ST	L., USED N AT 9315' ITH HEAD N TO MTI HE CLOSE ER mpletion 0 ption SING ON I TO CEMEN LIBURTOL C, 0.5% HR- C-E-FLAK DID NOT I ING UP TO	- 1367 GAL. IS A PROJECT ING TO THE COUSING THE IST TARGET BOST T	TION USIN LOSEST TO NCLINATE DUNDAR 10 FLARE FO KS (149 B) EMENT, 11 MENT, DI HECK FL D) FOR 1 H OP & INS	Dai Web MW DR 15 MIN. BLS) OF 13 360 SKS (3 SPLACED OATS, FLC R.	OUNDARY. SEY AT 9315' Ily Total 0.0 PKR DO ON BOTTOM 2.5#, 1.61 YIE 71 BBLS) OF W/ 147 BBLS DATS HELD. EST PACKOF	\$162,179 \$1,006,838 Visc epth: 0.0 MS UP) RIG UP ELD W/ 4% BEN 5 13.5#, 1.47 YIE OF FRESH WA	VN AT 9375' MUTH 0.0 UTONITE, ELD W/
DailyCo Cum Co MD Format Activity Start 06:00 08:30	9,37 ion: eat Repor End 08:30 11:30	ng ing 5 TV t Time: Hrs 2.5 3.0	\$6,08 \$847, TD MOVED From 0 0	9,3 PBTI TO TH To	SURVEY SHOW AND AN AZIMU IS A PROJECTIC HEADING TO TI JOHNNY TURNI Cor Cor 19 Progress D: 0.0 E CWU 1489–26D Activity Descri 0 CIRCULATE CA HALIBURTON T 0 CEMENT W/ HA 0.3% VERSASET 0.125 LBM POLY GPT MYACIDE, 0 PRESSURE CAS 0 BACK OUT LAN	L., USED - N AT 9315' ITH HEAD IN TO MTI HE CLOSE Repletion O ption SING ON I O CEMEN LIBURTO C, 0.5% HR- C-E-FLAK DID NOT I ING UP TO IDING JOIL BOP & CLI	IS A PROJECT ING TO THE COUSING THE IST TARGET BOST TA	FLARE FO KS (149 B EMENT, 1 MENT, DI HECK FL OP & INS	Dai Web MW DR 15 MIN. BLS) OF 13 360 SKS (3 SPLACED OATS, FLC R.	OUNDARY. SEY AT 9315' Ily Total 0.0 PKR DO ON BOTTOM 2.5#, 1.61 YIE 71 BBLS) OF W/ 147 BBLS DATS HELD. EST PACKOF	\$162,179 \$1,006,838 Visc epth: 0.0 MS UP) RIG UP ELD W/ 4% BEN 5 13.5#, 1.47 YIE OF FRESH WA	VN AT 9375' MUTH 0.0 ITONITE, ELD W/

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

FULL CREWS

FUEL 6612 GALS USED 342 GALS

	STATE OF UTAH			FORM 9
I	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0282
SUNDR	Y NOTICES AND REPORTS	S ON V	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1490-26D
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43047508400000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	N , Denver, CO, 80202		IE NUMBER: 5 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0337 FNL 1501 FWL		COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 26 Township: 09.0S Range: 22.0E Me	STATE: UTAH		
11. CHECI	K APPROPRIATE BOXES TO INDICA	ATE NA	TURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE	☐ AL	TER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	Сн	ANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	☐ cc	DMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FR	ACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion.			UG AND ABANDON	PLUG BACK
	OPERATOR CHANGE			
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME		CLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
	REPERFORATE CURRENT FORMATION	∐ SII	DETRACK TO REPAIR WELL	LI TEMPORARY ABANDON
✓ DRILLING REPORT	TUBING REPAIR	L VE	NT OR FLARE	WATER DISPOSAL
Report Date:	WATER SHUTOFF	SI	TA STATUS EXTENSION	APD EXTENSION
2/2/2012	WILDCAT WELL DETERMINATION	□ от	HER	OTHER:
Waiting on com	completed operations, clearly show pletion operations, please so for the referenced well, show 2/02/2012.	see th	e attached well	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 03, 2012
NAME (PLEASE PRINT) Nanette Lupcho	PHONE NUM 435 781-9157		TITLE Regulatory Assistant	
SIGNATURE			DATE	
N/A		- 1	2/2/2012	

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

FULL CREWS

FUEL 6612 GALS USED 342 GALS

01-26-20)12 R	eported By	SI	EARLE							
DailyCos	ts: Drilling	\$0		Con	apletion	\$19,500		Daily '	Total	\$19,500	
Cum Cos	ts: Drilling	\$847,	860	Con	npletion	\$178,478		Well T	Total .	\$1,026,338	
MD	9,375	TVD	9,319	Progress	0	Days	11	MW	0.0	Visc	0.0
Formatio	n:		PBTD : 9	312.0		Perf:			PKR De _l	pth: 0.0	
Activity a	at Report T	ime: PREP FO	R FRACS								
Start	End H	rs From	To A	ctivity Descrip	ption						
06:00		0		IRU CUTTERS EMENT TOP @		E. LOG WITH C	BL/CCL	/VDL/GR FRO	ом 9234' то	SURFACE. ES	Т

	STATE OF UTAH			FORM 9
[DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND N			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0282
SUNDR	RY NOTICES AND REPORT	rs on v	VELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significant reenter plugged wells, or to drill hori n for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1490-26D
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43047508400000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	O N , Denver, CO, 80202		E NUMBER: 5 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0337 FNL 1501 FWL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 26 Township: 09.0S Range: 22.0E M	Meridian: S	;	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDIC	CATE NA	TURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE	☐ AL	TER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	□ сн.	ANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	□ со	MMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FR	ACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PII	UG AND ABANDON	PLUG BACK
	✓ PRODUCTION START OR RESUME		CLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:				TEMPORARY ABANDON
	REPERFORATE CURRENT FORMATION		ETRACK TO REPAIR WELL	
✓ DRILLING REPORT	TUBING REPAIR		NT OR FLARE	☐ WATER DISPOSAL ☐
Report Date: 2/21/2012	WATER SHUTOFF	∟ sı⊤	TA STATUS EXTENSION	APD EXTENSION
2,21,2012	WILDCAT WELL DETERMINATION	∐ от	HER	OTHER:
The referenced well attached operat	completed operations. Clearly sho I was turned to sales on 02 ions summary report for d ations performed on the st	2/19/20 drilling subject	012. Please see the and completion well.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 28, 2012
NAME (PLEASE PRINT) Nanette Lupcho	PHONE NUI 435 781-9157		TITLE Regulatory Assistant	
SIGNATURE N/A			DATE 2/21/2012	

WELL	CHRONOLOGY
	REPORT

Report Generated On: 02-21-2012

Well Name	CWU 1490-26D	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API#	43-047-50840	Well Class	COMP
County, State	UINTAH, UT	Spud Date	12-06-2011	Class Date	
Tax Credit	N	TVD / MD	9,325/ 9,375	Property #	065351
Water Depth	0	Last CSG	2.375	Shoe TVD / MD	1,119/7,719
KB / GL Elev	4,929/ 4,910				
Location	Section 26, T9S, R22E, NENV	V, 337 FNL & 1501 F	WL		

DRILL & COMPLETE

Operator	EOG RESOURO	CES, INC WI	% 100	0.0	NRI %	82.13	9
AFE No	310075	AF	E Total	1,570,000	DHC / C	WC 7:	50,000/ 820,000
Rig Contr	CRAIGS	Rig Name	CRAIGS PRESET RIG	Start Date	10-28-2011	Release Date	
Rig Contr	TRUE	Rig Name	TRUE #34	Start Date	11-29-2011	Release Date	12-15-2011
01-28-2010	Reported By	CINDY	VAN RANKEN				
DailyCosts: Da	rilling \$0		Completion	\$0	Daily	Total \$6)
Cum Costs: D	rilling \$0		Completion	\$0	Well	Fotal \$6)
MD	0 TVD	0 Pr	ogress 0	Days	0 MW	0.0 V	isc 0.0
Formation:		PBTD : 0.0		Perf:		PKR Depth	0.0

Activity at Report Time: LOCATION DATA

1.0

Event No

Start	End	Hrs	From To	Activity Description
06:00	06:00	24.0	0	0 LOCATION DATA

SHL: 337' FNL & 1501' FWL (NE/NW)

SECTION 26, T9S, R22E UINTAH COUNTY, UTAH

Description

LAT 40 DEG 00' 47.53", LONG 10 DEG 24' 40.83" (NAD 83)

LAT 40 DEG 00' 47.65", LONG 10 DEG 24' 38.37" (NAD 83)

PROPOSED BHL: 199' FSL & 1597' FWL (SE/SW)

SECTION 23, T9S, R22E UINTAH COUNTY, UTAH

TRUE #34

OBJECTIVE TD: 9375' MD / 9325' TVD MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

RECEIVED: Feb. 21, 2012

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

LEASE: UTU-0284A

ELEVATION: 4910.0' NAT GL, 4910.3' PREP GL (DUE TO ROUNDING PREP GL IS 4910') 4929' KB

(19')

 $NOTE: MULTI \ PAD \ WELL - CWU \ 1487-26D, CWU \ 1488-26D, CWU \ 1489-26D, CWU \ 1490-26D,$

CWU 1491-26D

EOG WI 100%, NRI 82.139316%

10-27-2011	Re	eported By		GERALD ASHCRAFT							
DailyCosts: Dr	illing	\$37,177		Com	pletion	\$0		Daily	Total	\$37,177	
Cum Costs: Dr	illing	\$37,177		Com	pletion	\$0		Well '	Total	\$37,177	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:		P	BTD:	Perf :					PKR Dep	oth: 0.0	

Activity at Report Time: SPUD NOTIFICATION

Start	End	Hrs	From	То	Activity Description
06:00	06:00	24.0	0		60 CRAIG'S BUCKET RIG SPUD A 20" HOLE ON 10/26/11 @ 08:00 AM, SET 60' OF 14" CONDUCTOR.
					CEMENT TO SURFACE WITH READY MIX

11-24-2011	R	eported By	K	YLAN COOK							
DailyCosts: D	rilling	\$16,405		Com	pletion	\$0		Daily	Total	\$16,405	
Cum Costs: D	rilling	\$53,582		Com	pletion	\$0		Well T	otal	\$53,582	
MD	319	TVD	319	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation ·		PR	RTD · (0.0		Perf ·			PKR Dei	1th • 0.0	

Activity at Report Time: TIH W/DIRECTIONAL BHA

Start	End	Hrs	From To	Activity Description
06:00	19:00	13.0	0	0 DAY WORK ON CWU 1489–26D.
19:00	23:30	4.5	0	0 RDMO FROM CWU 1489–26D.
23:30	06:00	6.5	0	0 RIG ON DAY WORK @ 23:30 PM ON 11/23/2011. PICK UP BHA AND ORIENT MWD.

WELL PREDRILLED FROM 79' TO 319' KOP.

THIS WELL AZIMUTH 10.19*, INC 12.00*.

MUD MOTOR 1.75 DEGREE BEND, RPG .18, BIT TO BEND 7', BIT TO MWD 60'.

HIT TIGHT SPOT @ 109'. RIG UP PIN TO PIN XO AND RIG 8" DC. WASHED DOWN TO 214' WITH DRILL PIPE (ENOUGH TO GET DIRECTIONAL TOOLS AND 8" COLLARS IN HOLE). LAY DOWN DRILL PIPE, PIN TO PIN, AND 8" DC. GO BACK TO TRIPPING IN DIRECTIONAL BHA. ALL DIRECTIONAL TOOLS AND 1ST 8" DC (155') TRIPPED IN HOLE AT REPORT TIME.

ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'

NO ACCIDENTS REPORTED.

SAFTEY MEETINGS: TRIPPING IN HOLE.

FUEL USED 357 GALLONS

		FUEL USED 357 GALLONS.							
11-25-2011 Reported By		KYLAN COOK							
DailyCosts: Drilli	ing \$45,028	Completion	\$0	Daily Total	\$45,028				
Cum Costs: Drill	ing \$98,610	Completion	\$0	Well Total	\$98,610				

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

MD	1,09	9 TV	D	1,09	2 Progress	780	Days	0	MW	0.0	Visc	0.0
Format	ion :			PBTD	: 0.0		Perf:			PKR I	Depth: 0.0	
Activity	at Repor	t Time: 1	DRILLIN	G @ 10	99'							
Start	End	Hrs	From	То	Activity Descrip	otion						
06:00	08:00	2.0	0	0	FINISH TRIPPING BOTTOM.	G IN WITI	H DIRECTIO	NAL TOOLS	S. HAD	TO WASH AND	REAM ALL TH	E WAY TO
08:00	19:30	11.5	319	879	DRILL ROTATE A	AND SLID	E FROM 319	9' TO 879'. 50	50'. ROI	P 48.7' FPH.		
					WOB ROTATE 10 DIFF PSI 25, 1.4'		,			*	,	517, PSI 550,
19:30	00:00	4.5	0	0	LOST RETURNS TRUCKS IN FIELD CALLED OUT M	LD HAUL	ING PRODU	CTION WAT	ER. WA	AIT FOR MORE	TRUCKS FROM	TOWN.
00:00	01:30	1.5	879	989	DRILL ROTATE A	AND SLID	E FROM 879	9' TO 989'. 1	10'. ROI	P 73' FPH.		
01:30	04:30	3.0	0	0	WAIT FOR MORE	E WATER.						
04:30	06:00	1.5	989	1099	DRILL ROTATE A	ND SLID	E FROM 989	9' TO 1099'. I	110'. RC	OP 73' FPH.		
					WOB ROTATE 15 DIFF PSI 50, 1' LI							517, PSI 550,
					ALL SURVEYS A			TED TO TRU	E #34 R	KB=19'		
					SAFTEY MEETIN			AND MAKIN	IG CON	NECTIONS		
					FUEL USED 655				.0 0011	TVECTIONS.		
11-26-	2011	Report	ted By		KYLAN COOK							
DailyCo	osts: Drilli	_	\$33,23	2	Com	pletion	\$0]	Daily Total	\$33,232	
Cum C	osts: Drill	ing	\$131,8	42	Com	pletion	\$0		•	Well Total	\$131,842	
MD	1,86	54 TV	D	1,83	8 Progress	765	Days	0	MW	0.0	Visc	0.0
Format	ion :			PBTD	: 0.0		Perf:			PKR I	Depth: 0.0	
Activity	at Repor	t Time: 1	DRILLIN	G AT 18	364'							
Start	End	Hrs	From	То	Activity Descrip	otion						
06:00	07:30	1.5	1099	1199	DRILL ROTATE A	AND SLID	E FROM 109	99' TO 1199'.	100'. R	OP 66.6' FPH.		
07:30	08:30	1.0	0	0	WAIT FOR MORE	E WATER.						
08:30	18:00	9.5	1199	1649	DRILL ROTATE A	AND SLID	E FROM 119	99' TO 1649'.	450'. R	OP 47' FPH.		
					WOB ROTATE 13 DIFF PSI 50, 3.8'							517, PSI 700,
18:00	22:30	4.5	1649	1769	DRILL ROTATE A	AND SLID	E FROM 164	49' TO 1769'.	120'. R	OP 26.6' FPH.		
22:30	01:30	3.0	0	0	WAIT FOR MORE	E WATER.						
01:30	05:30	4.0	1769	1864	DRILL ROTATE A	ND SLID	E FROM 17	69' TO 1864'.	95'. RC	OP 23.7' FPH.		
					WOB ROTATE 15 DIFF PSI 50, 7' LI		,			*	,	517, PSI 850,
05:30	06:00	0.5	0	0	WAIT FOR MORE	E WATER.						
					ALL SURVEYS A	ND DEPT	HS ADJUST	ED TO TRU	E #34 R	KB=19'		
					NO ACCIDENTS	REPORTE	ED.					
					SAFTEY MEETIN	NGS: COL	D WEATHE	R CONDITIC	NS AN	D SKID STEER	SAFETY.	
					FUEL USED 714	GALLON	S.					
11-27-	2011	Report	ted By		KYLAN COOK							

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

DailyCosts:	:: Drilling \$40,463			Con	npletion	\$0		Daily	Total	\$40,463	
Cum Costs:	Drilling	\$173	2,305	Completion		\$0		Well	Fotal	\$172,305	
MD	2,206	TVD	2,171	Progress	342	Days	0	MW	0.0	Visc	0.0
Formation	:		PBTD : 0	0.0		Perf:			PKR Der	th : 0.0	

Activity at Report Time: CIRCULATE FOR SURFACE CSG.

Start	End	Hrs	From	To	Activity Description
06:00	08:00	2.0	0	0	WAIT FOR MORE WATER.
08:00	15:30	7.5	1864	2206	DRILL ROTATE AND SLIDE FROM 1864' TO 2206'. 342'. ROP 45.6' FPH.
					WOB ROTATE 15K, SLIDE 18K, ROTARY RPM 44, MOTOR RPM 93, STROKES 136, GPM 517, PSI 850, DIFF PSI 100, 16.5' LEFT AND 22' HIGH OF LINE, ROTATE 86% SLIDE 14%, TFO 100R.
					STARTED GETTING ABOUT 85% RETURNS AT 1950'.
15:30	18:00	2.5	0	0	CIRCULATE FOR WIPER TRIP.
18:00	23:30	5.5	0	0	TRIP OUT OF HOLE WITH DIRECTIONAL TOOLS.
23:30	03:30	4.0	0	0	TALLY BHA WITH TRI-CONE AND REAMER. TRIP BACK TO BOTTOM. NO TIGHT HOLE.
03:30	04:00	0.5	0	0	CIRCULATE TO TRIP OUT OF HOLE AND RUN CSG.
04:00	06:00	2.0	0	0	WORK ON PUMP.

ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'
NO ACCIDENTS REPORTED.

SAFTEY MEETINGS: PPE AND TRIPPING OUT OF HOLE.

FUEL USED 774 GALLONS.

11-28-2011	R	eported By	KYLAN COO	K						
DailyCosts:	Drilling	\$72,347	(Completion	\$0		Daily	Total	\$72,347	
Cum Costs:	Drilling	\$244,652	(Completion	\$0		Well	Total	\$244,652	
MD	2,206	TVD	2,171 Progress	, 0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD			ΓD : 0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: CEMENTING SURFACE CSG

Start	End	Hrs	From	То	Activity Description
06:00	07:00	1.0	0		0 CIRCULATE TO TRIP OUT OF HOLE AND RUN CSG.
07:00	08:00	1.0	0		0 TRIP OUT OF HOLE TO RUN CSG.
08:00	14:00	6.0	0		0 CHANGE OUT OIL COOLER ON RIG.
14:00	16:00	2.0	0		0 TRIP OUT OF HOLE TO RUN CSG.
16:00	18:00	2.0	0		0 RIG UP TO RUN CSG.
18:00	21:30	3.5	0		0 RUN 52 JTS (2177.82') OF 9–5/8", 36.0#, K–55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 12 CENTRALIZERS SPACED 10' FROM THE SHOE, ON TOP OF JOINTS #2 AND #3 THEN EVERY 5TH COLLAR TO SURFACE. ALSO 2 CENTRALIZERS AT KOP. LANDED @ 2161.82' TVD / 2196.82' MD.
21:30	01:00	3.5	0		0 WASH 25' OF LAST JOINT DOWN. LITTLE TO NO RETURNS WASHING CSG DOWN.
01:00	02:00	1.0	0		0 RUN 200' OF 1" PIPE.
02:00	03:00	1.0	0		0 RDMO CRAIG'S PRESET RIG. RELEASE RIG @ 03:00 AM ON 11/28/11. LAST WELL ON PAD.
03:00	06:00	3.0	0		0 CEMENTING. DETAILS WILL BE ON NEXT REPORT.
					ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'
					NO ACCIDENTS REPORTED.
					SAFTEY MEETINGS: TRIPPING PIPE AND RUNNING CASING.

Well Name: CWU 1490-26D Field: CHAPITA DEEP Property: 065351

FUEL USED 119 GALLONS.

11-29-2011	Reported By	y K	YLAN COOK							
DailyCosts: Drillin	ng \$42	2,117	Com	pletion	\$0		Daily	Total	\$42,117	
Cum Costs: Drillin	ım Costs: Drilling \$286,770			Completion \$0			Well	Total	\$286,770	
MD 2,206	TVD	2,171	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	formation: PBTD			: 0.0 Perf :				PKR Dep	oth: 0.0	

Activity at Report Time: WORT

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0		0 CEMENT JOB: MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED
					LINES AND CEMENT VALVE TO 5410 PSI. PUMPED 50 BBLS FRESH WATER & 20 BBLS GELLED
					WATER FLUSH AHEAD OF CEMENT.

LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT WITH 0.3% VERSASET, 2% CAL-SEAL, AND 2% ECONOLITE. MIXED LEAD CEMENT @ 10.5 PPG WITH YIELD OF 4.1 CF/SX. TAIL: MIXED AND PUMPED 300 SACKS (64 BBLS) OF PREMIUM CEMENT WITH 2% CACL2 MIXED TAIL CEMENT @ 15.6 PPG WITH YIELD OF 1.2 CF/SX. DISPLACED CEMENT WITH 165 BBLS FRESH WATER. BUMPED PLUG WITH 727# @ 05:28 AM ON 11/28/11. FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 85 BBLS INTO LEAD CEMENT, LOST RETURNS 158 BBLS INTO LEAD CEMENT. NO CEMENT TO SURFACE.

TOP JOB #1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. NO RETURNS TO SURFACE. WOC 3 HR.

TOP JOB #2: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. NO RETURNS TO SURFACE. WOC 3 HR.

TOP JOB #3: PUMP DOWN 200' OF 1" PIPE, MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. NO RETURNS TO SURFACE. WOC 3 HR.

TOP JOB #4: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 75 SX (16 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. GOOD CEMENT TO SURFACE. CEMENT FELL BACK. WOC 2 HR.

TOP JOB #5: PUMP DOWN 6' OF 1" PIPE. MIXED & PUMPED 50 SX (10 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.17 CF/SX. GOOD CEMENT TO SURFACE. HOLE STOOD FULL.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

KYLAN COOK NOTIFIED BLM VIA E-MAIL OF THE SURFACE CASING & CEMENT JOB ON 11/25/11 @ 17:00 PM. KYLAN COOK NOTIFIED CAROL DANIELS WITH UDOGM VIA PHONE OF THE SURFACE CASING & CEMENT JOB ON 11/25/11 @ 17:00 PM.

12-05-2011	Re	ported B	y	BILL SNAPP							
DailyCosts: I	Orilling	\$2	8,468	Co	mpletion	\$0		Dail	y Total	\$28,468	
Cum Costs: Drilling \$315,239		15,239	Completion				Well	Total	\$315,239		
MD	2,206	TVD	2,171	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	: 0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: MIRURT

Start	End	Hrs	From To	Activity Description
06:00	18:00	12.0	0	0 MOVE RIG 13 MILES. SUB SET AND LEVELED, PITS, PUMPS SET. RIG 25 % RIGGED UP. ETA DAYWORK 15:00. HRS 12/5/11.
18:00	06:00	12.0	0	0 WAIT ON DAYLIGHT.

FULL CREWS, NO ACCIDENTS.

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

SAFETY MEETING – RIG MOVE, 6' TIE–OFF, FORKLIFT, CRANE W/ RW JONES TRKNG, MT WEST, C&G ELECTRIC, RIG CREW.

 $FUEL-2278,\,USED-0.$

12-06-2	2011	Reporte	d By		BILL SNAPP							
DailyCo	sts: Drilli	ing	\$70,48	3	Com	pletion	\$0		Daily	y Total	\$70,483	
Cum Co	osts: Drill	ing	\$385,7	22	Com	pletion	\$0		Well	Total	\$385,722	
MD	2,21	16 TVD	•	2,21	6 Progress	0	Days	0	MW	10.6	Visc	35.0
Format	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time: FI	T @ SU	RFACE	E CSG SHOE							
Start	End	Hrs I	rom	То	Activity Descrip	tion						
06:00	17:00	11.0	0	0	SAFETY MEETIN	G. RIG I	UP, FORKLIF	T, CRANE V	V/ RW JONE	S TRUCKNG	, MT WEST, F	RIG CREW.
					RIG UP, SET DOG 1400, RAISE DER BUSTER AND FL	RICK @	12:00 HRS., I	RIG UP PITS			*	
17:00	22:30	5.5	0	0	PJSM,TEST STAC AND TEST PIPE F UPPER & LOWER TEST ANNULAR FUNCTION TEST	RAMS, BI KELLY PREVEN	LIND RAMS. & INSIDE B	, HCR, CHOI SOP 5000 PS	KE LINES, 1 I HIGH – 10	MANIFOLD, MINUTES / 2	KILL LINE V 250 PSI LOW	ALVES, – 10 MIN.
					TEST CASING TO STATE NOTIFIED			K. TRUE RI	IG #34 ON D	AY WORK @	17:00 12/5/1	1BLM &
22:30	03:00	4.5	0	0	INSTALL WEAR I AND DP.	BUSHING	G, PJSM, RIG	UP WEATH	ERFORD TE	RS AND PICK	UP DIRECTI	ONAL BHA
03:00	04:00	1.0	0	0	TORQUE KELLY	AND INS	STALL KELL	Y DRIVE BU	JSHING ANI	O ROTATING	HEAD.	
04:00	04:30	0.5	0	2134	PU SINGLES TO	TAG UP (@ 2134'.					
04:30	05:30	1.0	0	2151	DRILL CEMENT	F/2134' T	O 2196', FC	@ 2151', SH	OE @ 2196'.			
05:30	06:00	0.5	0	2216	DRILL F/ 2196' – 1	2216'. FI	Г TO 12 PPG	MUD WT. E	QUIVALEN'	Γ.		

FULL CREWS, NO ACCIDENTS.

SAFETY MEETING - RIG UP, TESTING BOP

FUEL - 9234 GAL., USED - 1044 GAL. RCVD 8000 GAL.

12-07-2	2011	Report	ted By		BILL SNAPP							
DailyCo	sts: Drilli	ing	\$45,7	14	Cor	npletion	\$0		Daily	Total	\$45,714	
Cum Co	osts: Drill	ing	\$431,	436	Cor	npletion	\$0		Well	Total	\$431,436	
MD	3,80	00 TV	'D	3,637	Progress	1,584	Days	1	MW	10.3	Visc	33.0
Format	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	DRILLIN	NG @ 380	00'							
Start	End	Hrs	From	To	Activity Descri	ption						
06:00	15:00	9.0	2216	2830	ROTATE & SLID 300 PSI.	E 2216' – 2	2830'.= 614']	ROP 68 FPH.	WOB 12–171	K, RPM 57/68	s, SPP 1780 PS	I, DP 200-
15:00	15:30	0.5	0	0	SERVICE RIG							
15:30	06:00	14.5	2830	3800	ROTATE & SLID 300 PSI.	E 2830' – 3	3800'.= 970']	ROP 67 FPH.	WOB 15-201	K, RPM 57/68	s, SPP 1780 PS	I, DP 200-

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

SLIDE-21% ROTATE-79%

FULL CREWS, NO ACCIDENTS.

BOP DRILL: DAY TOUR

SAFETY MEETING – ICY CONDITIONS

FUEL - 7866 GAL., USED - 1368 GAL.

06:00			0	0	SPUD 7–7/8" HO	LE @ 6:00	AM, 12/6/1	1				
12-08-	2011	Repor	ted By		BILL SNAPP							
DailyCo	osts: Drilli	ing	\$44,8	64	Con	pletion	\$0		Dail	y Total	\$44,864	
Cum C	osts: Drill	ing	\$476,	300	Con	pletion	\$0		Well	l Total	\$476,300	
MD	4,98	30 T	V D	4,79	3 Progress	1,180	Days	2	MW	10.6	Visc	35.0
Format	ion :			PBTD	: 0.0		Perf:			PKR De _l	pth : 0.0	
Activity	at Repor	t Time:	DRILLIN	NG @ 49	80'							
Start	End	Hrs	From	То	Activity Descrip	otion						
06:00	17:00	11.0	3800	4401	ROTATE & SLIDI 300 PSI.	E 3800' – 4	1401'.= 601'	ROP 54.6 FF	PH,WOB 15-	20K, RPM 57/	68, SPP 1990 F	PSI, DP 200-
17.00	17.20	0.4		0								
17:00 17:30	17:30 06:00	0.5 12.5			SERVICE RIG. ROTATE & SLIDI 300 PSI.	E 4401' – 4	1980'.= 579'	ROP 46 FPH	,WOB 15–25	5K, RPM 57/68	3, SPP 2190 PS	I, DP 200-
					SLIDE-4.5% RC	TATE-95	5%.					
					FULL CREWS, N	O ACCID	ENTS.					
					FUNC. COM.							
					BOP DRILL: DAY	& NIGH	ΓTOURS					
					SAFETY MEETIN	NG – CHE	CKING PH	ON BOILER				
					FUEL - 6042 GA	L., USED	- 1824 GAL					
12-09-	2011	Repor	ted By		BILL SNAPP							
DailyCo	osts: Drilli	ing	\$40,3	42	Con	pletion	\$0		Dail	y Total	\$40,342	
Cum C	osts: Drill	ing	\$516,	643	Con	pletion	\$0		Wel	l Total	\$516,643	
MD	5,90	00 T V	V D	5,73	2 Progress	920	Days	3	MW	10.6	Visc	34.0
Format				PBTD			Perf:			PKR De _l	pth: 0.0	
Activity	at Repor	t Time:	DRILLIN	IG @ 59	00'							
Start	End	Hrs	From	To	Activity Descri	otion						
06:00	17:00	11.0	4980	5369	ROTATE & SLIDI 300 PSI.	E 4980' – '	5369'.= 389'	ROP 35.36F	PH,WOB 15-	-25K, RPM 57	/68, SPP 2190 l	PSI, DP 200
					FORMATION TO	PS: WASA	TCH @ 463	30', CHAPITA	A WELLS@ 5	5222'.		
17:00	17:30	0.5			SERVICE RIG.	7.52.601	5211	DOD 42.5 E	DIL WOD 15	2511 DD1 157	/co. GDD 2200	ngi pp
17:30	06:00	12.5	5 5369	5900	ROTATE & SLIDI 200–300 PSI. LOS							
					FORMATION TO	PS: BUCK	CANYON	@ 5894'				
					SLIDE-3% ROT	ATE-97%						
					FULL CREWS, N	O ACCID	ENTS.					
					FUNC. COM.							

Well Name: CWU 1490-26D Field: CHAPITA DEEP Property: 065351

BOP DRILL: DAY & NIGHT TOURS

SAFETY MEETING – FIRE PROTECTION AND PREVENTION.

					FUEL - 3990 G	AL., USED	- 2052 GAL.					
12-10-2	2011	Repor	ted By		BILL SNAPP							
DailyCo	osts: Drilli	ing	\$77,0	44	Co	ompletion	\$2,888		Ι	Daily Total	\$79,932	
Cum Co	osts: Drilli	ing	\$593,	687	Co	ompletion	\$2,888		7	Well Total	\$596,575	
MD	6,78	30 T \	/ D	6,72	4 Progress	880	Days	4	MW	10.8	Visc	38.0
Format	ion :			PBTD	: 0.0		Perf:			PKR Der	oth: 0.0	
Activity	at Repor	t Time:	DRILLIN	NG @ 67	80'							
Start	End	Hrs	From	To	Activity Descr	ription						
06:00	15:30	9.5	5900	6307	ROTATE & SLI 300 PSI.	DE 5900' – 6	5307'.= 407'	ROP 42.8 FI	PH,WOB	15–25K, RPM 57/	68, SPP 2209 I	PSI, DP 200-
15:30	16:00	0.5	0	0	SERVICE RIG							
16:00	06:00	14.0	6307	0	ROTATE & SLI 300 PSI.	DE 6307' – 6	5780'.= 473'	ROP 39.4 FI	PH,WOB	15–25K, RPM 57/	68, SPP 2320 I	PSI, DP 200-
					FORMATION T	OPS: NORT	H HORN @	6577'.				
					SLIDE-3% RO	OTATE-97%						
					FULL CREWS,	NO ACCIDI	ENTS.					
					FUNC. COM.							
					BOP DRILL: D	AY & NIGH	ΓTOURS					
					SAFETY MEET	ΓING – UNL	OADING CA	ASING.				
					FUEL – 8436 G	AL., USED	- 2554 GAL.	RCVD 700	0 GAL.			
12-11-2	2011	Repor	ted By		BILL SNAPP							
DailyCo	osts: Drilli	ng	\$38,2	29	Co	ompletion	\$0		I	Daily Total	\$38,229	
Cum Co	osts: Drilli	ing	\$631,	916	Co	ompletion	\$2,888		7	Well Total	\$634,804	
MD	7,48	30 T V	/ D	7,42	4 Progress	700	Days	5	MW	11.0	Visc	43.0
Format	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	DRILLIN	NG @ 74	80'							
Start	End	Hrs	From	To	Activity Descr	ription						
06:00	15:30	9.5	6780	7057	ROTATE & SLI 300 PSI.	DE 6780' – 7	7057'.= 277'	ROP 29 FPH	I,WOB 15	5–25K, RPM 57/68	8, SPP 2320 PS	I, DP 200-
					FORMATION T	OPS: KMV	PRICE RIVE	ER@ 7027' N	MD			
15:30	16:00	0.5	0	0	SERVICE RIG							
16:00	06:00	14.0	7057	0	ROTATE & SLI 200–350 PSI.	DE 7057' – 7	7480'.= 423'	ROP 35.25 F	FPH,WOE	3 15–25K, RPM 57	7/68, SPP 2320	PSI, DP
					SLIDE-4.27%	ROTATE-9	5.73%.					
					FULL CREWS,	NO ACCIDI	ENTS.					
					FUNC. COM.							
					BOP DRILL: D	AY & NIGH	ΓTOURS					
					SAFETY MEET	ΓING – THA	WING W/ST	EAM.				
					FUEL - 6384 G	AL., USED	- 2052 GAL.					
12-12-2	2011	Repor	ted By		BILL SNAPP							

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

MD Formation Activity a	ts: Drilli 8,30	ng		27		pletion	#2.000			y Total	\$39,220	
Formation	9 20		\$671,1			pletion	\$2,888			l Total	\$674,025	
		0 TV		8,244		820	Days	6	MW	11.2	Visc	37.0
Activity a				PBTD			Perf:			PKR De _l	oth: 0.0	
	t Report	t Time: 1	DRILLIN	G @ 8,3	00'							
Start	End	Hrs	From	То	Activity Descrip	tion						
06:00	17:00	11.0	7480	7902	ROTATE & SLIDE 350 PSI.	E 7480' – 7	'902'.= 422' R	OP 38.4 FPI	H,WOB 15-	25K, RPM 57/	68, SPP 2420 P	SI, DP 200-
					FORMATION TO	PS: KMV	PRICE RIVER	R MIDDLE@	9 7872'			
17:00	17:30	0.5	0		SERVICE RIG							
17:30	06:00	12.5	7902	8290	ROTATE & SLIDE 200–350 PSI.	E 7902' – 8	3300'.= 398' R	OP 31.84 FF	PH,WOB 15	–25K, RPM 57	7/68, SPP 2546 I	PSI, DP
					SLIDE-1.85% R							
					FULL CREWS, N	O ACCIDE	ENTS.					
					FUNC. COM. BOP DRILL: DAY	& NIGH	r TOURS					
					SAFETY MEETIN			F I IGHTPI	ANT			
					FUEL – 4332 GAI			L LIGITITI	ZAIVI.			
12-13-20	11	Report	ed Rv		BILL SNAPP		2032 0712.					
Daily Cost		_	\$38,62	12		pletion	\$0		Doil	y Total	\$38,622	
Cum Cost		_	\$709,7			pletion	\$2,888			l Total	\$712,647	
MD	9,06	0 TV	D	9,004	Progress	760	Days	7	MW	11.4	Visc	37.0
Formation	n:			PBTD	: 0.0		Perf:			PKR De _l	oth: 0.0	
Activity a	t Report	t Time: 1	DRILLIN	G @ 9,0	60'							
Start	End	Hrs	From	То	Activity Descrip	tion						
06:00	15:00	9.0	8300	8587	ROTATE & SLIDE 350 PSI.	E 8300' – 8	3587'.= 287' R	OP 31.9 FPI	H,WOB 15-	25K, RPM 57/	68, SPP 2520 P	SI, DP 200-
15:00	15:30	0.5	0	0	SERVICE RIG							
15:30	06:00	14.5	8587	0	ROTATE & SLIDE 400 PSI.	E 8587' – 9	9060'.= 473' R	OP 32.6 FPI	H,WOB 15-	25K, RPM 57/	68, SPP 2646 P	SI, DP 200-
					FORMATION TO			R LOWER@	8669'			
					MUD: VIS 37 W							
					SLIDE-0% ROTA							
					FULL CREWS, N	O ACCIDI	ZINIO.					
					FUNC. COM. BOP DRILL: DAY	& NICH	r TOURS					
					SAFETY MEETIN			HIPMENT				
					FUEL – 2280 GAI		_	OH WEIVE.				
12-14-20)11	Report	ted Bv		BILL SNAPP	,						
DailyCost		-	\$82,44	19		pletion	\$0		Dail	y Total	\$82,449	
Cum Cost		_	\$792,2			pletion	\$2,888			l Total	\$795,097	
	9,26	_		9,211		208	Days	8	MW	11.5	Visc	64.0

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: DRILLING @ 92683 Start End Hrs From To **Activity Description** 06:00 14:00 8.0 9060 9185 ROTATE & SLIDE 9060' - 9185'.= 125' ROP 15.6 FPH, WOB 15-25K, RPM 57/68, SPP 2646 PSI, DP 200-400 PSI. FORMATION TOPS: SEGO @ 9175' MUD: VIS 40 WT. 11.5 PPG. 14:00 14:30 0.5 0 0 SERVICE RIG 9187 ROTATE & SLIDE 9185' - 9187' .= 2' ROP 4 FPH, WOB 15-25K, RPM 57/68, SPP 2646 PSI, DP 200-400 14:30 15:00 0.5 9185 MUD MOTOR SPIKING TO 600 PSI. FORMATION TOPS: SEGO @ 9175' MUD: VIS 40 WT. 11.5 PPG. SLIDE-0% ROTATE-100%. 15:00 17:00 2.0 0 9187 CIRCULATE 1 1/2 BOTTOMS UP. FILL TRIP TANK, MIX AND PUMP DRYING SLUG. 0 CHECK FOR FLOW, TRIP OUT FOR BIT/MOTOR. MONITORING TRIP TANK, TOOK 12 BBL EXCESS 17:00 22:00 5.0 0 FILL.TIGHT HOLE F/4800' TO 4500', WORK TIGHT HOLE F/3580' TO 3550'. 22:00 23:00 1.0 0 0 LD DIRECTIONAL TOOLS. PU CONVENTIONAL (NOV) MUD MOTOR AND BIT #4. 9187 TIH, W/R 30' TO BOTTOM, 20' FLARE LASTING 15 MIN. PUMPING @ 408 GPM.GAS BUBBLE 23:00 03:30 4.5 0 CAME @ 4000 STROKES. BOTTOMS UP STROKES @ 4875. 03:30 06:00 9187 9268 ROTATE F/ 9187' - 9268'.= 81' ROP 32.4 FPH, WOB 15-25K, RPM 57/68, SPP 2500 PSI, DP 200-400 PSI. 2.5 FORMATION TOPS: SEGO @ 9175' MUD: VIS 42 WT. 11.5 PPG. FULL CREWS, NO ACCIDENTS. FUNC. COM. BOP DRILL: DAYS SAFETY MEETING - LD DIRECTIONAL TOOLS. FUEL - 8322 GAL., USED - 1958 GAL. RCVD 8000 GAL 12-15-2011 JOHNNY TURNER/BILL SNAPP Reported By \$49,561 \$49,561 DailyCosts: Drilling Completion **Daily Total** \$844,658 **Cum Costs: Drilling** \$841,770 Completion \$2,888 Well Total MD 9,375 **TVD** 9,319 107 MW11.8 Visc 44.0 **Progress** Days **Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: CIRCULATING @ TD Start End Hrs From To **Activity Description** 9361 ROTATE F/ 9268' - 9361 '.= 93' ROP 31 FPH, WOB 15-25K, RPM 57/68, SPP 2500 PSI, DP 200-300 PSI. 06:00 09:00 3.0 9268 FORMATION TOPS: SEGO @ 9175' MUD: VIS 42 WT. 11.5 PPG. FULL CREWS, NO ACCIDENTS. FUNC. COM. BOP DRILL: DAYS SAFETY MEETING - LD DIRECTIONAL TOOLS. FUEL - 8322 GAL., USED - 1958 GAL. RCVD 8000 GAL 09:00 09:30 0.5 0 0 SERVICE RIG.

Sundry Number: 23212 API Well Number: 43047508400000
Well Name: CWU 1490-26D Field: CHAPITA DEEP Property: 065351

09:30	10:00	0.5	5	0	0	ROTATE F/ 9361'	- 9375'.=	14' ROP 28 FPF	LWOB 15	5–25K.	RPM 57/68	3. SPP 25	500 PSL DP 200	-300 PSI.
0,100	10.00	0.0	,	Ü		FORMATION TO			1, 11 02 10	2011,	111 0 77 00	, 511 20	.00121,21200	500151.
						MUD: VIS 42 W								
						REACHED TD @	9375 MEA	ASURED DEPT	Н @ 10:0	0 HRS,	12/14/11.			
										ŕ				
10:00	11:00	1.0)	0	0	CIRCULATE FOR	R WIPER T	RIP.						
11:00	12:00	1.0)	0	0	SHORT TRIP 10 S	STDS. HOI	LE IN GOOD C	ONDITIO	N.				
12:00	13:30	1.5	5	0	0	CIRCULATE @ T	TO LAY	DOWN DRILI	LPIPE.					
13:30	14:00	0.5	5	0	0	DROP INCLINAT	ION SURV	EY TOOL & P	UMP PIL	L. SUR	VEY AT 93	315' = 2.	7 DEGREES.	
14:00	19:00	5.0)	0	0	LAY DOWN 4 1/2	2" D.P.							
19:00	20:00	1.0)	0	0	PICK UP KELLY	& BREAK	KELLY.						
20:00	21:30	1.5	5	0	0	LAY DOWN BHA	Λ,							
21:30	22:00	0.5	5	0	0	PULL WEAR BU	SHING.							
22:00	05:00	7.0)	0		RUN 220 JOINTS JOINTS. FLOAT BOTTOM, LAY I	SHOE AT	9358', FLOAT (COLLAR	AT 9312	2', MARKI	ER JOIN	TS AT 7012' &	
05:00	06:00	1.0)	0	0	MAKE UP CEME	ENT HEAD	, CIRCULATE	CASING	ON BO	TTOM.			
						ELIL ODEWG N	o Aggrer	an ima						
						FULL CREWS, N	O ACCIDE	ENTS.						
						FUNC. COM.	7.0							
						BOP DRILL: DAY		D 0 DIDDIDIO	a ana					
						SAFETY MEETIN			CASING	j				
						FUEL – 6954 GA	L., USED -	- 1367 GAL.						
						SURVEY SHOWN AND AN AZIMU' IS A PROJECTIO: HEADING TO TH	TH HEAD! N TO MTE	ING TO THE C USING THE I	LOSEST ' NCLINAT	TARGE ΓΙΟΝ SU	T BOUND	ARY. S	URVEY SHOW	N AT 9375'
12-16-2	2011	Repor	ted B	y		JOHNNY TURNE	ER							
DailyCo	sts: Drilli	ing	\$1	8,079		Con	pletion	\$156,090			Daily Tot	al	\$174,169	
Cum Co	sts: Drill	ing	\$8	59,850		Con	pletion	\$158,978			Well Tota	ıl	\$1,018,828	
MD	9,37	75 T	VD	!	9,319	Progress	0	Days	10	MW	V	0.0	Visc	0.0
Formati	ion:			PB	TD :	: 0.0		Perf:			P	KR De	pth: 0.0	
Activity	at Repor	t Time:	MOV	ED TO	ГНЕ	CWU 1489–26D								
Start	End	Hrs	Fro	m To		Activity Descrip	ption							
06:00	08:30	2.5	5	0		CIRCULATE CAS		*	FLARE FO	OR 15 N	MIN. ON B	OTTOM	IS UP) RIG UP	
08:30	11:30	3.0)	0	0	CEMENT W/ HAI 0.3% VERSASET 0.125 LBM POLY GPT MYACIDE, I	LIBURTON , 0.5% HR- –E–FLAK	N, PUMP 515 S -5 OF LEAD CI E OF TAIL CEN	EMENT, 1 MENT, DI	1360 SK ISPLAC	S (371 BB ED W/ 147	LS) OF BBLS	13.5#, 1.47 YIEI	LD W/
11:30	12:30	1.0)	0	0	PRESSURE CASI	NG UP TO	2065 & HOLD	FOR 1 H	IR.				
12:30	13:30	1.0)	0	0	BACK OUT LAN	DING JOI	NT, PICK UP B	OP & INS	TALL &	& TEST PA	CKOFF	TO 5000#.	
13:30	14:30	1.0)	0	0	NIPPLE DOWN E	BOP & CLI	EAN MUD PITS	S.					
						TRANSFERED 60	612 GALS	TO CWU 1489-	-26D					

Well Name: CWU 1490-26D Field: CHAPITA DEEP Property: 065351

NO INCIDENT NO ACCIDENT

FULL CREWS

FUEL 6612 GALS USED 342 GALS

14:30 06:00 15.5 0 0 RELEASED RIG @ 14:30, 12/15/11 CASING POINT COST \$859,850

SEARLE 01-26-2012 Reported By

\$0 \$19,500 \$19,500 DailyCosts: Drilling Completion **Daily Total** \$859,850 \$178,478 \$1,038,328

Cum Costs: Drilling Completion **Well Total** 9,319 0 0.0 MD 9,375 **TVD** 11 MWVisc **Progress** Days

PKR Depth: 0.0 **Formation: PBTD**: 9312.0 Perf:

Activity at Report Time: PREP FOR FRACS

Start End Hrs From To **Activity Description**

06:00 0 0 MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FROM 9234' TO SURFACE. EST

CEMENT TOP @ 800'. RDWL.

02-04-2012 Reported By **SEARLE**

\$0 \$650 **Daily Total** \$650 DailyCosts: Drilling Completion \$859,850 \$179,128 \$1,038,978 **Cum Costs: Drilling** Completion **Well Total**

9,375 **TVD** 9,319 0 12 0.0 0.0 MD MWVisc **Progress Days**

PBTD: 9312.0 **Formation:** Perf: PKR Depth: 0.0

Activity at Report Time: PREP FOR FRACS

Start End Hrs From To **Activity Description**

0 MIRU WSS. PRESSURE TEST CSG TO 6500 PSIG. HELD OK. BLEED OFF & SWI. 06:00 0

02-13-2012 Reported By **MCCURDY**

\$2,100 DailyCosts: Drilling \$0 Completion **Daily Total** \$2,100 **Cum Costs: Drilling** \$859,850 Completion \$181,228 **Well Total** \$1,041,078

MD 9,375 **TVD** 9,319 0 0.0 0.0 **Progress** Davs 13 MWVisc

PBTD: 9312.0 Perf: 8420'-9139' PKR Depth: 0.0 **Formation:** MESAVERDE

Activity at Report Time: FRAC

Start End Hrs From To **Activity Description**

06:00 06:00 24.0 0 FRAC TANKS PRE MIXED W/ BIOCIDE (BE 6) @ 3# PER TANK.

> STAGE 1. MIRU CUTTERS WIRELINE & MIRU HALLIBURTON, PERFORATE LPR FROM 9138'-39', 9119'-20', 9061'-62', 9049'-50', 9036'-37', 9008'-09', 8999'-9000', 8987'-88', 8966'-67', 8956'-57', 8936'-37', 8929'-30'@ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 865 GAL 16# LINEAR PAD, 7357 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 31596 GAL 16# DELTA 200 W/109400# 20/40 SAND @ 2-5 PPG. MTP 5620 PSIG. MTR 51 BPM. ATP 4250 PSIG. ATR 50.5 BPM. ISIP 2835 PSIG. RD HALLIBURTON.

> > Page 12

0.0

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

STAGE 2. RUWL. SET 6K CFP AT 8890'. PERFORATE MPR/LPR FROM 8870'-71', 8865'-66', 8820'-21',8812'-13', 8787'-88', 8773'-74', 8750'-51', 8734'-35', 86987'-99', 8689'-90', 8672'-73', 8663'-64'@ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT). 865 GAL 16# LINEAR PAD, 7466 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 28601 GAL 16# DELTA 200 W/97400# 20/40 SAND @ 2-5 PPG. MTP 5882 PSIG. MTR 51.2 BPM. ATP 4467 PSIG. ATR 50.8 BPM. ISIP 2905 PSIG. RD HALLIBURTON.

STAGE 3. RUWL. SET 6K CFP AT 8650'. PERFORATE MPR FROM 8636'-37', 8621'-22', 8599'-600', 8559'-60', 8517'-18', 8492'-93', 8468'-69', 8460'-61', 8453'-54', 8446'-47', 8428'-29', 8420'-21' @ 3 SPF & 120 DEGREE PHASING. RDWL. . RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 865 GAL 16# LINEAR PAD, 7392 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 40414 GAL 16# DELTA 200 W/134900# 20/40 SAND @ 2-5 PPG. MTP 5812 PSIG. MTR 51.1 BPM. ATP 4695 PSIG. ATR 50.5 BPM. ISIP 3560 PSIG. RD HALLIBURTON. SDFN.

02-14-2012	Repor	ted By	MCCURDY							
DailyCosts: Di	rilling	\$0	Co	mpletion	\$2,100		Daily	Total	\$2,100	
Cum Costs: Da	rilling	\$859,850	Co	mpletion	\$183,328		Well 7	Fotal	\$1,043,178	
MD	9,375 TV	'D 9,3	19 Progress	0	Days	14	MW	0.0	Visc	0.0
Formation : M	ESAVERDE	PBTI) : 9312.0		Perf : 7650'-	-9139'		PKR Der	oth: 0.0	

Activity at Report Time: FRAC

Start	End	Hrs	From To	Activity Description
06:00	06:00	24.0	0	0 STAGE 4. SICP 1360 PSIG. RUWL. SET 6K CFP AT 8408'. PERFORATE

STAGE 4. SICP 1360 PSIG. RUWL. SET 6K CFP AT 8408'. PERFORATE MPR FROM 8385'-86', 8378'-79', 8366'-67', 8335'-36', 8326'-27', 8300'-01', 8284'-85', 8273'-74', 8260'-61', 8248'-49', 8223'-24', 8158'-59' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 865 GAL 16# LINEAR PAD, 7446 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 38244 GAL 16# DELTA 200 W/132200# 20/40 SAND @ 2-5 PPG. MTP 5920 PSIG. MTR 51.2 BPM. ATP 4516 PSIG. ATR 50.3 BPM. ISIP 3180 PSIG. RD HALLIBURTON.

STAGE 5. RUWL. SET 6K CFP AT 8140'. PERFORATE MPR FROM 8125'-26', 8104'-05', 8098'-99', 8083'-84', 8077'-78', 8069'-70', 8059'-60', 8033'-34', 8001'-02', 7989'-90', 7972'-73', 7954'-55'@ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 467 GAL 16# LINEAR PAD, 7745 GAL 16# LINEAR W/1000# 20/40 SAND @ 1-1.5 PPG, 49440 GAL 16# DELTA 200 W/172000# 20/40 SAND @ 2-5 PPG. MTP 5847 PSIG. MTR 50.7 BPM. ATP 3974 PSIG. ATR 50.3 BPM. ISIP 2609 PSIG. RD HALLIBURTON.

STAGE 6. RUWL. SET 6K CFP AT 7940'. PERFORATE UPR/MPR FROM 7918'-19', 7908'-09', 7840'-41', 7830'-31', 7820'-21', 7804'-05', 7768'-69', 7716'-17', 7710'-11', 7699'-700', 7655'-56', 7650'-51'@ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 643 GAL 16# LINEAR PAD, 7972 GAL 16# LINEAR W/10300# 20/40 SAND @ 1-1.5 PPG, 32205 GAL 16# DELTA 200 W/110000# 20/40 SAND @ 2-5 PPG. MTP 6055 PSIG. MTR 51.3 BPM. ATP 4457 PSIG. ATR 51.1 BPM. ISIP 2500 PSIG. RD HALLIBURTON. SDFN.

02-15-2012	Re	eported By	M	CCURDY							
DailyCosts:	Drilling	\$0		Com	pletion	\$346,422		Daily	Total	\$346,422	
Cum Costs:	Drilling	\$859,85	50	Com	pletion	\$529,750		Well T	otal	\$1,389,601	
MD	9,375	TVD	9,319	Progress	0	Days	15	MW	0.0	Visc	0.0

Page 13

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

Formation: MESAVERDE PBTD: 9312.0 Perf: 7061'-9139' PKR Depth: 0.0

Activity at Report Time: PREP FOR POST FRAC CLEAN OUT

Start	End	Hrs From To	Activity Description
06:00	06:00	24.0 0	0 STAGE 7. SICP 1310 PSIG. RUWL. SET 6K CFP AT 7636'. PERFORATE UPR FROM 7622'-23', 7616'-17', 7573'-74', 7544'-45', 7532'-33', 7520'-21', 7479'-80', 7461'-62', 7430'-31', 7377'-78', 7353'-54', 7344'-45'@ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 865 GAL 16# LINEAR PAD, 7524 GAL 16# LINEAR W/9700# 20/40 SAND @ 1-1.5 PPG, 43557 GAL 16# DELTA 200 W/150400# 20/40 SAND @ 2-5 PPG. MTP 5454 PSIG. MTR 51.9 BPM.
			ATP 3695 PSIG. ATR 50.2 BPM. ISIP 2440 PSIG. RD HALLIBURTON.

STAGE 8. RUWL. SET 6K CFP AT 7330'. PERFORATE UPR FROM 7314'-15', 7309'-10', 7292'-93', 7285'-86', 7252'-53', 7212'-13', 7178'-79', 7116'-17', 7098'-99', 7088'-89', 7076'-77', 7061'-62'@ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 662 GAL 16# LINEAR PAD, 9036 GAL 16# LINEAR W/11300# 20/40 SAND @ 1-1.5 PPG, 31677 GAL 16# DELTA 200 W/106200# 20/40 SAND @ 2-5 PPG. MTP 5153 PSIG. MTR 53.1 BPM. ATP 4127 PSIG. ATR 50.2 BPM. ISIP 2445 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 6995'. BLED WELL TO 0 PSIG. RDMO CUTTERS WIRELINE & HALLIBURTON SERVICES. SDFN.

02-18-2012	Re	ported	By I	BAUSCH							
DailyCosts: D	Prilling	\$	\$0	Co	mpletion	\$7,544		Daily	Total	\$7,544	
Cum Costs: I	Orilling	\$	\$859,850	Co	mpletion	\$537,294		Well '	Total	\$1,397,145	
MD	9,375	TVD	9,319	Progress	0	Days	16	MW	0.0	Visc	0.0
Formation : N	MESAVE	RDE	PBTD:	9312.0		Perf : 7061'-	9139'		PKR Dep	oth: 0.0	

Activity at Report Time: PREP FOR POST FRAC CLEAN OUT

Start	End	Hrs	From	То	Activity Description
07:00	18:00	11.0	0		0 MIRUSU. ND FRAC VALVES. FOUND A PROBLEM W/RAMS ON SINGLE GATE. NU FRAC VALVE.
					SD FOR BOP REPAIR

02-19-2012	Re	eported By	В	AUSCH							
DailyCosts: I	Orilling	\$0		Co	ompletion	\$25,870		Daily	Total	\$25,870	
Cum Costs: I	Drilling	\$859,8	50	Co	ompletion	\$563,164		Well T	otal	\$1,423,015	
MD	9,375	TVD	9,319	Progress	0	Days	17	MW	0.0	Visc	0.0

Formation : MESAVERDE **PBTD :** 9312.0 **Perf :** 7061'-9139' **PKR Depth :** 0.0

Activity at Report Time: POST FRAC CLEAN OUT

Start	End	Hrs	From To	Activity Description
07:00	15:00	8.0	0	0 ND FRAC VALVES. NU BOP. RIH W/3–7/8" MILL & POBS TO CBP @ 6995'. PREP TO DRILL OUT PLUGS. SDFN.

02-20-2012	Rep	orted By	В	AUSCH							
DailyCosts: Dri	lling	\$0		Con	pletion	\$52,197		Daily	Total	\$52,197	
Cum Costs: Dr	illing	\$859	,850	Con	pletion	\$615,361		Well '	Total	\$1,475,212	
MD 9.	375	TVD	9,319	Progress	0	Days	18	MW	0.0	Visc	0.0
Formation: MI	ESAVER	DE	PBTD : 9	312.0		Perf : 7061'-	9139'		PKR Dep	oth: 0.0	

Activity at Report Time: FLOW TEST TO SALES

Well Name: CWU 1490–26D Field: CHAPITA DEEP Property: 065351

Start	End	Hrs	From	To	Activity Descr	iption						
07:00	06:00	23.0	0		O SICP 0 PSIG. TE 7940',8140', 840 BOPE. NU TRE	8', 8650' &	8890'. RIH. CL	EANED (OUT TO 920	0'. LANDED	TBG @ 7720' K	
					FLOWED THRO MCFD RATE. R					0 PSIG. CP 10	050 PSIG. 50 B	FPH. 639
					TUBING DETAI	L LENGT	Ή					
					PUMP OFF SUE	1.00'						
					1 JT 2-3/8 4.7# I	L-80 TBG	32.61'					
					XN NIPPLE 1.	30' @ 7685						
					235 JTS 2-3/8 4.	7# L-80 TE	G 7666.04'					
					BELOW KB 19	9.00'						
					LANDED @ 7	719.95' KB						
02-21-2	2012	Repor	ted By		BAUSCH							
DailyCo	sts: Drilli	ing	\$0		Co	mpletion	\$4,530		Dail	y Total	\$4,530	
•	osts: Drill	Ü	\$859,	850		mpletion	\$619,891		•	Total	\$1,479,742	
MD	9,37	75 T V	VD	9,3	19 Progress	0	Days	19	MW	0.0	Visc	0.0
Format	ion: MES	AVERDE	Ξ	PBTI	9312.0		Perf : 7061'	-9139'		PKR De _l	pth : 0.0	
Activity	at Repor	t Time:	FLOW T	EST TO	SALES							
Start	End	Hrs	From	To	Activity Descr	iption						
06:00	06:00	24.0	0	(O WELL SHUT IN PSIG. CP 2250							P 875

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

	WELL (COMPL	ETION (OR REC	OMPLE	TION F	REPOF	RT AN	D LOG				ase Serial N TU0282	No.	
1a. Type or	f Well 🔲	Oil Well	⊠ Gas	Well] Dry	Other						6. If	Indian, Allo	ottee o	r Tribe Name
b. Type o	f Completion	☑ N Othe	ew Well	☐ Work	Over [☐ Deepen	□ P	lug Bacl	k 🔲 I	Diff. R	esvr.	7. Ut	it or CA A	greem	ent Name and No.
2. Name of	Operator					t: MICKE						8. Le	ase Name a	ınd We	
	EŜOURCE:			-Mail: MIC	CKENZIE_								WU 1490-		
	DENVER,	CO 802	02			P	h: 435-	781-914	lude area 15	code)			PI Well No.		43-047-50840
	of Well (Re Sec 26	3 T9S R2	2E Mer SLI	3				,					ield and Po ATURAL E		Exploratory ES
At surfa				23 T9S R	22E Mer	SLB			440000			11. S	ec., T., R.,	M., or	Block and Survey 9S R22E Mer SLB
	orod interval i Sec	ÔO TOO	D00C							VV LOI	1	12. C	ounty or Pa		13. State
At total	depth SES	<u>sw</u> 16	D FSL	-1616	FWL	DILL	, 64	HOM	·				INTAH		UT
14. Date S ₁ 10/26/2				ate T.D. Re 2/14/2011	eached			ate Com & A 2/19/201	🗖 Read	y to Pi	rod.	17. E -		OF, KI 0 GL	B, RT, GL)*
18. Total D		MD TVD	9375 9319		9. Plug Ba		MD TVI		9312 925 % (5	20. Dep	th Bric	lge Plug Se		MD TVD
21. Type E CBL/C	lectric & Oth CL/VDL/GR	er Mechai	nical Logs R	un (Submi	t copy of e	ach)					vell cored OST run? ional Su			🗖 Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing an	nd Liner Reco	ord (Repo	rt all strings	set in well)										
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)	Botto (MI	1 ~	e Cemen Depth		lo. of Sks. pe of Cen		Slurry (BB		Cement T	`op*	Amount Pulled
12.250	9.6	25 K-55	36.0		2	2197				975				0	
7.875	4.5	00 N-80	11.6	ļ		9358 1875								800	
											<u> </u>				=
					-			_				-			
	<u> </u>				1								2.01		
24. Tubing	Record				_										
Size	Depth Set (M	ID) Pa	cker Depth	(MD)	Size	Depth Set	(MD)	Packer	Depth (N	1D)	Size	De	oth Set (MI))	Packer Depth (MD)
2.375		7720				·									
	ng Intervals					26. Perfo	oration R	ecord							
-	ormation		Тор		Bottom	ļ	Perforat	ed Interv		_	Size	N	o. Holes		Perf. Status
<u>A)</u>	MESAVE	RDE		7061	9139				29 TO 91	_		+		OPE	
B) C)									33 TO 88 20 TO 86	_	-			OPEI OPEI	
D)	_								8 TO 83	_		+		OPE	
	racture, Treat	ment, Cen	nent Squeez	e, Etc.		<u> </u>		010	00 10 00	<u> </u>					FIVED
	Depth Interva	al						Amount	t and Type	e of M	aterial		r	(EU	EIVED
	89	29 TO 91	39 954 BA	RRELS OF	GELLED V	VATER & 1	18,900#	20/40 SA	AND						1 2012
	86	63 TO 88	371 885 BA	RRELS OF	GELLED V	VATER & 1	07,000#	20/40 SA	AND				M	AT .	7012
		20 TO 86		ARRELS O									DU 0	EOU	, GAS & MINING
28 Product	81 ion - Interval		386 1,114 B	ARRELS O	F GELLED	WATER 8	141,800	# 20/40 \$	SAND				DIV. U	FUIL	, 0,00 & 1,11111111
Date First	Test	Hours	Test	Oil	Gas	Water	loi	l Gravity		Gas		Productio	n Method		
Produced	Date	Tested	Production	BBL	MCF	BBL	C	orr. API	l	Gravity					
02/19/2012 Choke	03/20/2012 Tbg. Press.	Csg.	24 Hr.	10.0 Oil	331.0 Gas	Water		as:Oil		Well St	ntua.		FLOW	SFRO	OM WELL
Size	Flwg. 225	Press.	Rate	BBL	MCF	BBL	Ra	atio							
24/64 28a Produc	SI ction - Interva	1100.0		10	331	23	99			Р	GW				
Date First	Test	Hours	Test	Oil	Gas	Water	Oi	l Gravity		Gas		Production	on Method		
Produced	Date	Tested	Production	BBL	MCF	BBL		оп. АРІ		Gravity					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL		as:Oil atio		Well St	atus				,

	luction - Interv		,	т				.,			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav		Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status		
28c. Prod	luction - Interv	al D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav	rity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status		
29. Dispo	sition of Gas	Sold, used f	or fuel, vent	ed, etc.)							
30. Sumn Show tests,	nary of Porous	zones of po	rosity and c	ontents there			all drill-stem I shut-in pressur	es	31. For	mation (Log) Markers	
	Formation		Тор	Bottom		Description	ons, Contents, et	c.		Name	Top Meas. Depth
32. Addit Pleas	nde RDE	(include plu ached.	7061	9139 edure):					BIF MA UT WA CH BU	EEN RIVER RDS NEST HOGANY ELAND BUTTE SATCH APITA WELLS CK CANYON ICE RIVER	1329 1638 2256 4539 4652 5255 5943 7042
	enclosed attac		(4.0.5				-				
	ectrical/Mecha	_	•	• ′		2. Geologic	-		. DST Rep	port 4. Direction	onal Survey
3. Su	ndry Notice fo	r plugging	and cement	verification		6. Core Ana	aiysis	/	Other:		
			Electi	ronic Subm Fo	ission #1387	789 Verified	d by the BLM V , INC., sent to	Well Inforn the Vernal	mation Sy		ions):
Name	(please print)	MICKENZ	LE GATES				Title	REGULAT	ORY AS	SISTANT	
Signa	ture W	LENGTH ON	Kalabbissi	Aut	2		Date <u>(</u>	05/23/2012	2		
Title 18 I	J.S.C. Section	1001 and T	itle 43 ILS	C. Section 1	212. make ii	t a crime for	any person kno	wingly and	l willfully	to make to any department or	agency

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

CHAPITA WELLS UNIT 1490-26D- ADDITIONAL REMARKS:

26. PERFORATION RECORD

7954-8126	36	OPEN
7650-7919	36	OPEN
7344-7623	36	OPEN
7061-7315	36	OPEN

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7954-8126	1,378 BARRELS GELLED WATER & 182,000# 20/40 SAND
7650-7919	978 BARRELS GELLED WATER & 120,300# 20/40 SAND
7344-7623	1,242 BARRELS GELLED WATER & 160,100# 20/40 SAND
7061-7315	991 BARRELS GELLED WATER & 117,500# 20/40 SAND

32. FORMATION (LOG) MARKERS

Middle Price River	7899
Lower Price River	8690
Sego	9219



Survey Certification Sheet

Company: EOG Resources

API # 43-047-50840

Well Name: Chapita Well Unit #1490-26D

SURFACE LOCATION Uintah County, Utah Sec. 26-T9S-R22E

337' From North Line, 1501' From West Line

BOTTOM HOLE LOCATION @

9375' Measured Depth

9318.46' True Vertical Depth

496.59' North, 115.30' East from Surface Location Crescent Job Number: CA 11808 and CA-11829

Surveyed from a depth of 0.0'- 9375' MD

Type of survey: Crescent MWD (Measurement While Drilling)

Last Survey Date: Dec. 14, 2011

Directional Supervisor: John Stringfellow

To whom it may concern, I attached surveys in pdf format of the Chapita Well Unit 1490-26D well.

The data and calculations for this survey have been checked by me and conform to the standards and procedures set forth by Crescent Directional Drilling.

This report represents a true and correct Directional Survey of this well based on the original data obtained at the well site. Wellbore Coordinates are calculated using minimum curvature.

1/20/12

John Stringfellow Directional Coordinator Rocky Mtn. Region Crescent Directional Drilling

Off. (307)266-6500

John Strugteller

Cell. (307)259-7827



EOG Resources Uintah County Utah Chapita Well Unit 1487-1491-26D #1490-26D

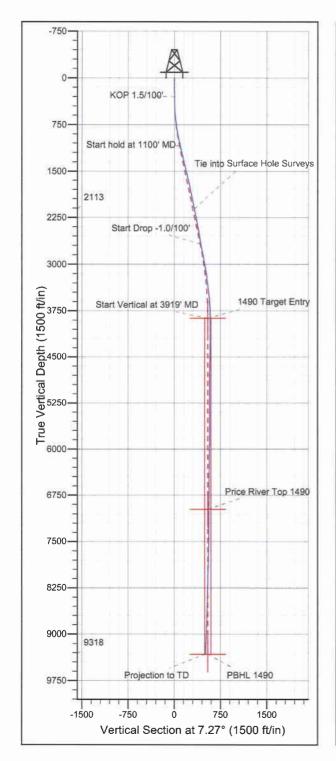
Latitude 40° 0′ 48.049 N
Longitude 109° 24′ 38.369 W
True #34 @ 4929.0ft (RKB elev.)
Ground Level 4910.0
Utah Central 4302
NAD 1927 (NADCON CONUS)
Magnetic North is 10.98° East of True North (Magnetic Declination)

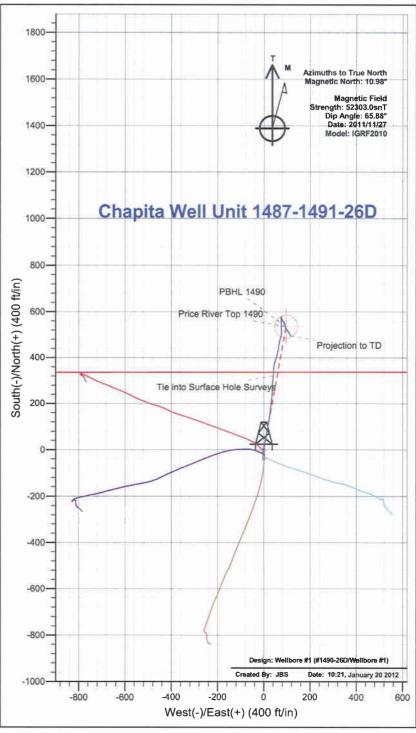


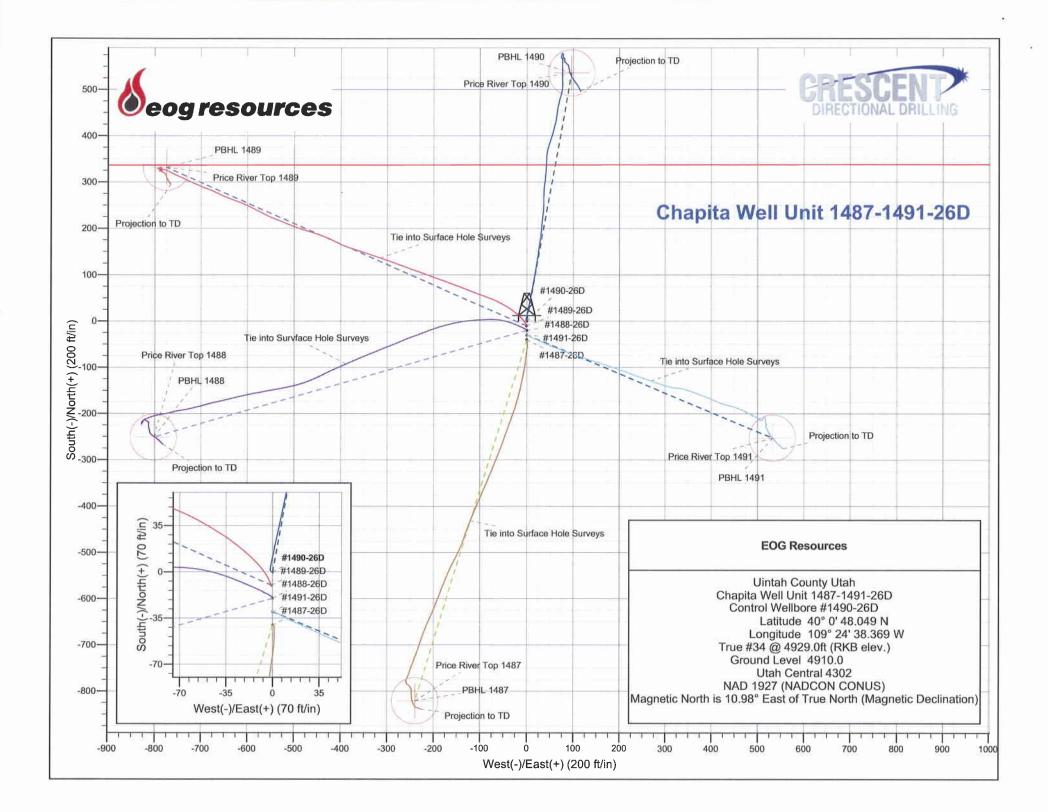
ANNOTATIONS

TVD MD Annotation
2112.7 2146.0 Tie into Surface Hole Surveys
9318.5 9375.0 Projection to TD

	WELLBORE	TARGET D	ETAILS	
Name	TVD	+N/-S	+E/-W	Shape
1490 Target Entry	3870.0	536.2	96.3	Point
PBHL 1490	9325.0	536.2	96.3	Circle (Radius: 50.0)









EOG Resources

Uintah County Utah Chapita Well Unit 1487-1491-26D #1490-26D Wellbore #1

Design: Wellbore #1

Standard Survey Report

20 January, 2012







Company: Project:

EOG Resources Uintah County Utah

Chapita Well Unit 1487-1491-26D Site: Well: #1490-26D

Wellbore: Wellbore #1 Design: Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: **Survey Calculation Method:**

Database:

Well #1490-26D

True #34 @ 4929.0ft (RKB elev.) True #34 @ 4929.0ft (RKB elev.)

True

Minimum Curvature

EDM 2003.16 Single User Db

Project

Uintah County Utah

Map System: Geo Datum: Map Zone:

US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS)

Utah Central 4302

System Datum:

Mean Sea Level

Site

Chapita Well Unit 1487-1491-26D

0.0 ft

Site Position:

Lat/Long

Northing:

618,741,46 ft

Latitude:

40° 0' 48.049 N

From:

Easting:

2,585,148.14ft

Longitude:

109° 24' 38.369 W

Position Uncertainty:

Slot Radius:

Grid Convergence:

1.34°

Well **Well Position** #1490-26D

Wellbore #1

Wellbore #1

+N/-S

+E/-W

0.0 ft

Northing:

618,741.46 ft

Latitude: 2,585,148.14 ft Longitude: 40° 0' 48.049 N

Position Uncertainty

0.0 ft 0.0 ft Easting:

Ground Level:

109° 24' 38.369 W 4.910.0ft

Wellhead Elevation:

IGRF2010

Model Name

2011/11/27

(2) 10.98

Declination

Dip Angle 65.88 Field Strength (nT)

52,303

Design **Audit Notes:**

Version:

Wellbore

Magnetics

1.0

Phase:

Sample Date

ACTUAL

Tie On Depth:

Depth From (TVD)

+E/-W

0.0

Vertical Section:

0.0

+N/-S (ft) 0.0

(ft) 0.0 Direction (°) 7.27

Survey Program

Date 2012/01/19

From (ft)

To (ft)

Survey (Wellbore)

Tool Name

Description

300.0 2,244.0

2,146.0 Surface Hole Surveys (Wellbore #1) 9.375.0 7 7/8" Hole (Wellbore #1)

MWD MWD MWD - Standard MWD - Standard

22.4								0.00	2
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.50	290.20	300.0	0.5	-1.2	0.3	0.17	0.17	0.00
330.0	0.60	300.10	330.0	0.6	-1.5	0.4	0.46	0.33	33.00
360.0	0.90	339.70	360.0	0.9	-1.7	0.7	1.94	1.00	132.00
390.0	0.90	343.80	390.0	1.3	-1.9	1.1	0.21	0.00	13.67
420.0	1.20	10.10	420.0	1.9	-1.9	1.6	1.87	1.00	87.67
450.0	2.20	10.10	450.0	2.7	-1.7	2.5	3.33	3.33	0.00
480.0	2.80	7.30	479.9	4.0	-1.5	3.8	2.04	2.00	-9.33
510.0	3.70	12.30	509.9	5.7	-1.2	5.5	3.14	3.00	16.67
540.0	3.90	9.60	539.8	7.7	-0.8	7.5	0.89	0.67	-9.00
570.0	4.70	13.80	569.7	9.9	-0.4	9.7	2.86	2.67	14.00
600.0	5.10	12.00	599.6	12.4	0.2	12.3	1.43	1.33	-6.00





Company: Project:

Site:

EOG Resources Uintah County Utah

Chapita Well Unit 1487-1491-26D #1490-26D

Well: Wellbore: Design: #1490-26D Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Database:

Well #1490-26D

True #34 @ 4929.0ft (RKB elev.) True #34 @ 4929.0ft (RKB elev.)

True

Minimum Curvature

юу									
Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	Inclination (°)	Azimuth	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)
630.0	6.10	11.60	629.5	15.2			3.34		
660.0	6.60	10.70	659.3	18.5	0.8 1.4	15.2 18.5	3.34 1.70	3.33 1.67	-1.33 -3.00
690.0	7.20	11.20	689.1	22.0	2.1	22.1	2.01	2.00	-3.00 1.67
720.0	7.40	12.90	718.8	25.7	2.9	25.9	0.98	0.67	5.67
750.0	7.80	12.20	748.6	29.6	3.8	29.9	1.37	1.33	-2.33
780.0	8.80	12.40	778.3	33.8	4.7	34.2	3.33	3.33	0.67
810.0	8.80	11.30	807.9	38.3	5.6	38.7	0.56	0.00	-3.67
840.0	9.50	11.90	837.5	43.0	6.6	43.5	2.35	2.33	2.00
870.0	10.10	12.10	867.1	48.0	7.7	48.6	2.00	2.00	0.67
900.0	10.70	11.10	896.6	53.3	8.8	54.0	2.09	2.00	-3.33
930.0	11.10	11.20	926.1	58.9	9.9	59.6	1.33	1.33	0.33
960.0	11.80	9.80	955.5	64.7	10.9	65.6	2.51	2.33	-4.67
990.0	11.80	10.10	984.8	70.8	12.0	71.7	0.20	0.00	1.00
1,020.0	12.10	9.70	1,014.2	76.9	13.1	77.9	1.04	1.00	-1.33
1,050.0	12.40	10.60	1,043.5	83.2	14.2	84.3	1.19	1.00	3.00
1,080.0	12.40	10.10	1,072.8	89.5	15.3	90.7	0.36	0.00	-1.67
1,110.0	12.80	9.90	1,102.1	95.9	16.5	97.2	1.34	1.33	-0.67
1,140.0	12.60	9.80	1,131.3	102.4	17.6	103.8	0.67	-0.67	-0.33
1,170.0	13.30	9.30	1,160.6	109.1	18.7	110.6	2.36	2.33	-1.67
1,200.0	13.50	8.60	1,189.8	115.9	19.8	117.5	0.86	0.67	-2.33
1,230.0	13.20	9.60	1,218.9	122.8	20.9	124.4	1.26	-1.00	3.33
1,260.0	13.50	9.50	1,248.1	129.6	22.0	131.4	1.00	1.00	-0.33
1,290.0	13.70	8.50	1,277.3	136.6	23.1	138.4	1.03	0.67	-3.33
1,320.0	13.60	9.50	1,306.4	143.6	24.3	145.5	0.85	-0.33	3.33
1,350.0	13.90	8.30	1,335.6	150.6	25.4	152.6	1.38	1.00	-4.00
1,380.0	13.80	7.90	1,364.7	157.7	26.4 26.4	152.8	0.46	-0.33	-4.00 -1.33
1,410.0	13.80	7.40	1,393.9	164.8	27.3	166.9	0.40	0.00	-1.67
1,440.0	13.80	7.80	1,423.0	171.9	28.3	174.1	0.32	0.00	1.33
1,470.0	13.60	7.80	1,452.1	178.9	29.2	181.2	0.67	-0.67	0.00
1,500.0	13.10	6.40	1,481.3	185.8	30.1	188.1	1.98	-1.67	-4.67
1,530.0	13.30	5.50	1,510.5	192.6	30.8	195.0	0.96	0.67	-3.00
1,560.0 1,590.0	13.60	5.40	1,539.7	199.6	31.5	202.0	1.00	1.00	-0.33
	13.20	5.60	1,568.9	206.5	32.1	208.9	1.34	-1.33	0.67
1,620.0	12.70	5.40	1,598.1	213.2	32.8	215.6	1.67	-1.67	-0.67
1,650.0	12.40	6.50	1,627.4	219.7	33.4	222.1	1.28	-1.00	3.67
1,680.0	12.60	6.40	1,656.7	226.1	34.2	228.6	0.67	0.67	-0.33
1,710.0	12.50	5.70	1,686.0	232.6	34.9	235.1	0.61	-0.33	-2.33
1,740.0	12.10	5.90	1,715.3	239.0	35.5	241.5	1.34	-1.33	0.67
1,770.0	11.90	3.10	1,744.6	245.2	36.0	247.8	2.05	-0.67	-9.33
1,800.0	11.80	1.10	1,774.0	251.3	36.2	253.9	1.41	-0.33	-6.67
1,830.0	11.20	0.90	1,803.4	257.3	36.3	259.8	2.00	-2.00	-0.67
1,860.0	11.30	0.10	1,832.8	263.2	36.4	265.7	0.62	0.33	-2.67
1,890.0	11.90	359.80	1,862.2	269.2	36.4	271.6	2.01	2.00	-1.00
1.920.0	12.20	0.90	1,891.5						
1,920.0	12.20 12.40	0.90 4.20	1,891.5 1,920.9	275.5	36.4	277.9 284.2	1.26	1.00	3.67
1,950.0	12.40 12.40	4.20 6.40	1,920.9	281.8 288.3	36.7 37.3	284.2 290.7	2.44 1.57	0.67 0.00	11.00 7.33
2,010.0	12.40	7.20	1,950.2	288.3 294.6	37.3 38.1	290.7 297.0	1.57	-1.00	7.33 2.67
2,010.0	11.40	7.20 7.30	2,008.8	300.6	38.8	303.1	2.33	-1.00 -2.33	
									0.33
2,070.0	11.40	6.10	2,038.3	306.5	39.5	309.1	0.79	0.00	-4.00
2,100.0	11.50	6.00	2,067.7	312.4	40.1	315.0	0.34	0.33	-0.33
2,130.0	11.80	5.90	2,097.0	318.5	40.8	321.1	1.00	1.00	-0.33
2,146.0	12.00	3.90	2,112.7	321.8	41.0	324.4	2.86	1.25	-12.50
Tie into Su	ırface Hole Su								
2,244.0	11.70	2.10	2,208.6	341.9	42.1	344.4	0.49	-0.31	-1.84





Company: Project:

Site:

EOG Resources Uintah County Utah

Chapita Well Unit 1487-1491-26D

Well: Wellbore: Design:

#1490-26D

Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: **Survey Calculation Method:**

Database:

Well #1490-26D

True #34 @ 4929.0ft (RKB elev.) True #34 @ 4929.0ft (RKB elev.)

True

Minimum Curvature

NAME OF STREET	ning alberther named the construction	Activistic statement at many c	canadan sedina disebit tibestalas se,				JANES OLITSAKO BANKAKAN		AL GREAT AND BEAUGUSESSES
rvey		SE LEO MEDICAL PROPERTIES EN			4.000 (4.000 (9.000 (9.000 (9.000 (9.000)	an makan sebenjak an mini			raedisers and severes and by CPP
Measured		100	Vertical			Vertical	Dogleg	Build	Turn
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
2,275.0	11.20	1.60	2,239.0	348.0	42.3	350.6	1.64	-1.61	-1.61
2,307.0	10.90	3.80	2,270.4	354.1	42.6	356.7	1.62	-0.94	6.87
2,337.0	10.90	6.60	2,299.9	359.8	43.1	362.3	1.76	0.00	9.33
2,369.0	11.20	9.80	2,331.3	365.8	44.0	368.5	2.13	0.94	10.00
2,400.0	11.60	13.10	2,361.7	371.8	45.2	374.6	2.47	1.29	10.65
2,430.0	11.50	16.80	2,391.0	377.6	46.8	380.5	2.49	-0.33	12.33
2,461.0	10.80	18.10	2,421.5	383.4	48.5	386.4	2.40	-2.26	4.19
2,492.0	9.80	17.60	2,452.0	388.6	50.2	391.9	3.24	-3.23	-1.61
2,523.0	9.50	17.40	2,482.5	393.6	51.8	397.0	0.97	-0.97	-0.65
2,554.0	9.70	17.00	2,513.1	398.5	53.3	402.1	0.68	0.65	-1.29
2,585.0	9.50	16.30	2,543.7	403.5	54.8	407.2	0.75	-0.65	-2.26
2,617.0	9.40	14.70	2,575.2	408.6	56.2	412.4	0.88	-0.31	-5.00
2,649.0	9.70	14.70	2,606.8	413.7	57.6	417.6	0.94	0.94	0.00
2,680.0	10.10	14.50	2,637.3	418.8	58.9	422.9	1.30	1.29	-0.65
2,712.0	10.60	13.80	2,668.8	424.4	60.3	428.6	1.61	1.56	-2.19
2,744.0	10.90	11.60	2,700.2	430.2	61.6	434.6	1.59	0.94	-6.87
2,776.0	11.10	10.10	2,731.6	436.2	62.8	440.7	1.09	0.62	-6.67 -4.69
2,808.0	11.50	8.00	2,763.0	442.4	63.8	446.9	1.79	1.25	-4.09 -6.56
2,839.0	11.60	6.60	2,793.4	448.6	64.6	453.2	0.96	0.32	-0.50 -4.52
2,871.0	11.50	7.40	2,824.7	454.9	65.3	459.6	0.59	-0.31	2.50
2,903.0	11.40	9.50	2,856.1	461.2	66.3	465.9	1.34	-0.31	6.56
2,935.0	11.10	11.90	2,887.5	467.4	67.4	403.9 472.1	1.74	-0.31 -0.94	7.50
2,966.0	11.00	14.50	2,917.9	473.1	68.8	472.1	1.74	-0.32	8.39
2,998.0	11.10	15.40	2,949.3	479.1	70.4	484.1	0.62	0.32	2.81
3,030.0	10.40	15.20	2,980.8	484.8	71.9	490.0	2.19	-2.19	-0.62
3,061.0	9.70	14.20	3,011.3	490.1	73.3	495.4			
3,092.0	9.70 9.50	12.20	3,041.9	490.1 495.1	73.3 74.5	495.4 500.5	2.33 1.25	-2.26 -0.65	-3.23 6.45
3,092.0 3,124.0	9.50	9.00	3,041.9	500.3	74.5 75.5	500.5 505.8	1.25	-0.65 0.00	-6.45 -10.00
3,156.0	9.40	3.70	3,105.0	505.5	76.0	511.1	2.74	-0.31	-10.00 -16.56
3,188.0	8.80	0.90	3,136.6	510.6	76.3	516.1	2.74	-0.31	-10.36 -8.75
3,218.0 3,250.0	8.40 8.00	358.70 358.00	3,166.2 3,197.9	515.0 519.6	76.2 76.1	520.5 525.1	1.73 1.29	-1.33 -1.25	-7.33 -2.19
3,281.0	7.80	359.00	3,228.6	523.9	76.1	529.3	0.78	-1.23 -0.65	3.23
3,313.0	7.70	359.30	3,260.3	528.2	75.9	533.5	0.75	-0.03	0.94
3,344.0	7.70	1.00	3,291.0	532.3	75.9	537.7	0.73	0.00	5.48
•			3,323.8						
3,377.0 3,408.0	7.30 6.90	0.50 358.30	3,323.8 3,354.5	536.6 540.5	76.0 76.0	541.9 545.7	1.23 1.56	-1.21 -1.29	-1.52 -7.10
3,440.0	6.50	357.00	3,386.3	544.2	75.8	549.4	1.34	-1.2 9 -1.25	-7.10 -4.06
3,472.0	6.40	359.00	3,418.1	547.8	75.7	553.0	0.77	-0.31	6.25
3,503.0	6.60	1.00	3,448.9	551.3	75.7 75.7	556.4	0.77	0.65	6.45
3,535.0		1.50	3,480.7	555.0					
3,535.0 3,567.0	6.70 6.60	2.30	3,480.7 3,512.5	555.0 558.7	75.8 75.9	560.1 563.8	0.36 0.43	0.31 -0.31	1.56 2.50
3,598.0	5.70	6.50	3,512.5	562.0	76.1	567.1	0.43 3.24	-0.31 -2.90	2.50 13.55
3,629.0	4.70	8.90	3,5 4 3.3	564.8	76.1 76.5	569.9	3.24	-3.23	7.74
3,660.0	4.20	11.20	3,605.1	567.2	76.9	572.3	1.71	-3.23 -1.61	7.42
3,692.0		9.00	3,637.0						
3,723.0	3.60 3.00	9.00 4.50	3,668.0	569.3 571.1	77.3 77.5	574.5 576.3	1.93 2.11	-1.87 -1.94	-6.87 -14.52
3,723.0 3,754.0	2.60	4.50 1.70	3,698.9	571.1 572.6	77.5 77.6	576.3 577.8	2.11 1.36	-1.94 -1.29	-14.52 -9.03
3,785.0	2.20	358.70	3,729.9	573.9	77.6 77.6	577.6 579.1	1.35	-1.29 -1.29	-9.68
3,816.0	1.80	0.10	3,760.9	575.9 575.0	77.6 77.6	580.2	1.30	-1.29 -1.29	-9.66 4.52
•									
3,909.0	0.80	334.40	3,853.8	577.0 577.0	77.3	582.2	1.22	-1.08	-27.63
3,924.7	0.73	330.53	3,869.5	577.2	77.2	582.3	0.53	-0.41	-24.65
1490 Targe 4,002.0		298.40	3,946.8	577 O	76.7	E00.0	0.50	0.20	A4 E0
4,002.0	0.50 0.30	298.40 285.50	3,946.8 4,041.8	577.8 578.1	76.7 76.1	582.9 583.0	0.53 0.23	-0.30 -0.21	-41.56 -13.58





Company: Project:

Site:

EOG Resources Uintah County Utah

Chapita Well Unit 1487-1491-26D

Well: Wellbore: Design:

#1490-26D Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well #1490-26D

True #34 @ 4929.0ft (RKB elev.) True #34 @ 4929.0ft (RKB elev.)

True

Minimum Curvature

y.									
Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (*/100ft)
4,190.0	0.30	219.40	4,134.8	577.9	75.7	582.9	0.35	0.00	-71.08
4,284.0	0.60	211.30	4,228.8	577.3	75.3	582.2	0.33	0.32	
4,379.0	0.80	191.20	4,323.8	576.2	73.3 74.9	582.2 581.1	0.33	0.32 0.21	-8.62 -21.16
4,473.0	1.20	198.60	4,417.8	574.7	74.5	579.5	0.45	0.43	7.87
4,566.0	0.90	200.40	4,510.8	573.1	73.9	577.8	0.32	-0.32	1.94
4,659.0	1.00	200.80	4,603.8	571.6	73.3	576.3	0.11	0.11	0.43
4,754.0	0.50	164.70	4,698.8	570.4	73.2	575.1	0.70	-0.53	-38.00
4,848.0	0.70	166.00	4,792.8	569.5	73.4	574.2	0.21	0.21	1.38
4,941.0	0.60	156.60	4,885.8	568.5	73.7	573.3	0.16	-0.11	-10.11
5,035.0	0.90	159.70	4,979.8	567.4	74.2	572.2	0.32	0.32	3.30
5,128.0	0.50	76.00	5,072.7	566.8	74.8	571.7	1.05	-0.43	-90.00
5,221.0	0.50	52.80	5,165.7	567.1	75.6	572.1	0.22	0.00	-24.95
5,315.0	0.50	77.70	5,259.7	567.4	76.3	572.5	0.23	0.00	26.49
5,409.0	0.50	64.60	5,353.7	567.7	77.0	572.9	0.12	0.00	-13.94
5,502.0	0.50	50.60	5,446.7 5,642.7	568.1	77.7	573.4	0.13	0.00	-15.05
5,598.0	0.40	80.50	5,542.7	568.5	78.4	573.8	0.26	-0.10	31.15
5,693.0	0.40	121.50	5,637.7	568.3	79.0	573.8	0.29	0.00	43.16
5,787.0	0.30	111.40	5,731.7	568.1	79.5	573.6	0.12	-0.11	-10.74
5,880.0	0.60	149.10	5,824.7 5,917.7	567.6	80.0	573.1	0.44	0.32	40.54
5,973.0 6,066.0	0.80 1.30	153.00 162.00	5,917.7 6,010.7	566.6 565.0	80.5 81.1	572.2 570.7	0.22 0.56	0.22 0.54	4.19 9.68
			•						
6,160.0	0.50	233.00	6,104.7	563.7	81.1	569.5	1.31	-0.85	75.53
6,253.0 6,347.0	0.60 0.80	206.00 180.70	6,197.7 6,291.7	563.1 562.0	80.6	568.7 567.6	0.30 0.39	0.11 0.21	-29.03
6,441.0	1.10	169.40	6,385.7	562.0 560.4	80.4 80.5	567.6 566.1	0.39	0.21	-26.91 -12.02
6,533.0	0.30	112.70	6,477.7	559.5	80.9	565.2	1.05	-0.87	-61.63
6,627.0	0.60	107.60	6,571.7	559.2	81.6	565.0	0.32	0.32	-5.43
6,720.0	0.70	119.10	6,664.7	558.8	82.6	564.7	0.18	0.11	12.37
6,813.0	0.70	142.50	6,757.6	558.1	83.4	564.1	0.31	0.00	25.16
6,908.0	1.10	141.80	6,852.6	556.9	84.3	563.1	0.42	0.42	-0.74
7,003.0	0.70	136.60	6,947.6	555.7	85.3	562.1	0.43	-0.42	-5.47
7,032.7	0.76	135.96	6,977.3	555.5	85.6	561.8	0.22	0.21	-2.15
	r Top 1490	10100			: : : : :				
7,096.0 7,190.0	0.90 0.40	134.90 106.60	7,040.6 7,134.6	554.8 554.2	86.2 87.1	561.3 560.8	0.22 0.62	0.22	-1.68
7,190.0	0.40	128.80	7,134.6	554.2 553.9	87.1 87.6	560.8 560.5	0.62 0.16	-0.53 0.00	-30.11 23.62
7,379.0	0.40	128.80	7,323.6	553.5	88.1	560.2	0.00	0.00	0.00
7,473.0	0.70	156.10	7,417.6	552.8	88.6	559.5	0.42	0.32	29.04
7,473.0 7,569.0	1.10	165.40	7,417.6 7,513.6	552.8 551.3	88.6 89.1	559.5 558.2	0.42 0.44	0.32 0.42	29.04 9.69
7,662.0	1.30	164.60	7,606.6	549.4	89.6	556.2 556.4	0.44	0.42	-0.86
7,754.0	1.30	169.20	7,698.5	547.4	90.1	554.4	0.22	0.00	5.00
7,848.0	1.40	168.00	7,792.5	545.2	90.5	552.3	0.11	0.11	-1.28
7,942.0	1.80	159.50	7,886.5	542.7	91.3	549.9	0.49	0.43	-9.04
8,036.0	1.40	171.20	7,980.4	540.2	92.0	547.5	0.55	-0.43	12.45
8,129.0	1.40	167.90	8,073.4	538.0	92.4	545.3	0.09	0.00	-3.55
8,222.0	1.40	164.70	8,166.4	535.8	92.9	543.2	0.08	0.00	-3.44
8,314.0	1.50	153.50	8,258.4	533.6	93.7	541.2	0.33	0.11	-12.17
8,409.0	1.60	158.90	8,353.3	531.3	94.8	539.0	0.19	0.11	5.68
8,502.0	1.90	156.00	8,446.3	528.6	95.9	536.5	0.34	0.32	-3.12
8,624.0	2.20	145.70	8,568.2	524.9	98.0	533.0	0.39	0.25	-8.44
8,691.0	2.30	146.20	8,635.2	522.7 510.5	99.5	531.1	0.15	0.15	0.75
8,786.0	2.30	145.30	8,730.1	519.5	101.6	528.2	0.04	0.00	-0.95
8,880.0	2.40	145.50	8,824.0	516.4	103.8	525.3	0.11	0.11	0.21





Company: Project: EOG Resources Uintah County Utah

Chapita Well Unit 1487-1491-26D

Site: Well: Wellbore: Design:

#1490-26D Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well #1490-26D

True #34 @ 4929.0ft (RKB elev.) True #34 @ 4929.0ft (RKB elev.)

True

Minimum Curvature

	3349 State 14								
Measured	All of the said		Vertical		1	Vertical	Dogleg	Build	Turn
Depth In	clination	Azimuth	Depth	+N/-S	+E/-W :	Section	Rate	Rate	Rate
(ft)	(*)	0	(ft)	(ft)	(代)	·(ff)	(°/100ft)	(°/100fE)	(°/100ft)
9,068.0	2.80	143.70	9,011.8	509.8	108.5	519.5	0.54	0.54	-0.32
9,133.0	2.90	149.40	9,076.7	507.1	110.3	517.0	0.46	0.15	8.77
9,315.0	2.70	158.00	9,258.5	499.2	114.2	509.6	0.26	-0.11	4.73
9,375.0	2.70	158.00	9,318.5	496.6	115.3	507.2	0.00	0.00	0.00

Targets Target Name									
- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL 1490 - actual wellpath m - Circle (radius 50.0		0.00 center by 4	9,325.0 I4.4ft at 937	536.2 5.0ft MD (93	96.3 18.5 TVD, 4	619,279.74 96.6 N, 115.3 E	2,585,231.94)	40° 0' 53.348 N	109° 24' 37.130 W
Price River Top 1490 - actual wellpath m - Point	isses target o	0.00 center by 2	6,977.0 22.1ft at 703	536.2 2.7ft MD (69	96.3 77.3 TVD, 5	619,279.74 55.5 N, 85.6 E)	2,585,231.94	40° 0' 53.348 N	109° 24' 37.130 W
1490 Target Entry - actual wellpath m - Point	0.00 isses target o	0.00 center by 4	3,870.0 I5.3ft at 392	536.2 4.6ft MD (386	96.3 69.4 TVD, 5	619,279.74 77.2 N, 77.2 E)	2,585,231.94	40° 0' 53.348 N	109° 24' 37.130 W

Design Annotations Measured Depth (ff)	Vertical Depth (ft)	Local Coord +N/-S (ft)	linates +E/-W (ft)	Comment
2,146.0	2,112.7	321.8	41.0	Tie into Surface Hole Surveys
9,375.0	9,318.5	496.6	115.3	Projection to TD

Checked By:	Approved By:	 Date:	
•	 • • •		



EOG Resources

Uintah County Utah Chapita Well Unit 1487-1491-26D #1490-26D Wellbore #1

Design: Wellbore #1

Survey Report - Geographic

20 January, 2012







Company: Project:

EOG Resources

Site:

Uintah County Utah

Well:

Chapita Well Unit 1487-1491-26D

Wellbore:

#1490-26D

Wellbore #1 Design:

Wellbore #1

Local Co-ordinate Reference:

TVD Reference: **MD Reference:**

North Reference:

Survey Calculation Method: Database:

Well #1490-26D

True #34 @ 4929.0ft (RKB elev.) True #34 @ 4929.0ft (RKB elev.)

True

Minimum Curvature

EDM 2003.16 Single User Db

Project

Uintah County Utah

Map System: Geo Datum: Map Zone:

US State Plane 1927 (Exact solution)

NAD 1927 (NADCON CONUS)

Utah Central 4302

System Datum:

Mean Sea Level

Site

Chapita Well Unit 1487-1491-26D

0.0 ft

Site Position:

Northing:

618,741.46ft

Latitude:

40° 0' 48.049 N

From: **Position Uncertainty:** Lat/Long

Easting: Slot Radius: 2,585,148.14ft

Longitude: **Grid Convergence:** 109° 24' 38.369 W

1.34°

Well **Well Position** #1490-26D

+N/-S

+E/-W

0.0 ft

Northing:

618.741.46 ft

2,585,148.14 ft

Latitude:

40° 0' 48.049 N

Position Uncertainty

0.0 ft 0.0 ft Easting: Wellhead Elevation:

Longitude: **Ground Level:** 109° 24' 38.369 W 4,910.0ft

Wellbore

Wellbore #1

Wellbore #1

Magnetics Model Name Sample Date

Declination (°)

Dip Angle

Field Strength

(nT)

IGRF2010

2011/11/27

10.98

65.88

52,303

Design **Audit Notes:**

Version:

1.0

Phase:

ACTUAL

Tie On Depth:

0.0

Vertical Section:

Depth From (TVD) (ft)

0.0

+N/-S (ft) 0.0

+E/-W (ft) 0.0

Direction (ግ 7.27

Survey Program

From (ft)

Date 2012/01/19

To (ft)

Survey (Wellbore)

Tool Name

Description

300.0 2,244.0 2,146.0 Surface Hole Surveys (Wellbore #1) 9,375.0 7 7/8" Hole (Wellbore #1)

MWD MWD MWD - Standard MWD - Standard





Company: Project: Site:

EOG Resources Uintah County Utah

Chapita Well Unit 1487-1491-26D

Well: Wellbore: Design:

#1490-26D Wellbore #1

Wellbore #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well #1490-26D

True #34 @ 4929.0ft (RKB elev.) True #34 @ 4929.0ft (RKB elev.)

True

Minimum Curvature

330.0 0.60 300.10 330.0 0.6 -1.5 618,742.00 2.585,146.64 40° 0' 48.055 N 109° 24' 38.391 V 300.0 0.90 343.80 390.0 1.3 -1.9 618,742.74 2.585,146.26 40° 48.065 N 109° 24' 38.391 V 420.0 1.20 10.10 420.0 1.9 -1.9 618,742.74 2.585,146.26 40° 48.062 N 109° 24' 38.391 V 450.0 2.20 10.10 450.0 2.7 -1.7 618,743.16 2.585,146.33 40° 0' 48.068 N 109° 24' 38.393 V 450.0 2.20 10.10 450.0 2.7 -1.7 618,743.16 2.585,146.37 40° 0' 48.076 N 109° 24' 38.393 V 450.0 3.70 12.30 599.9 5.7 -1.2 618,747.13 2.585,146.53 40° 0' 48.068 N 109° 24' 38.393 V 450.0 3.70 12.30 599.9 5.7 -1.2 618,747.13 2.585,146.54 40° 0' 48.068 N 109° 24' 38.393 V 450.0 3.70 12.30 599.9 5.7 -1.2 618,747.13 2.585,146.53 40° 0' 48.068 N 109° 24' 38.395 V 450.0 3.90 3.60 539.8 7.7 -0.8 618,749.09 2.585,147.12 40° 0' 48.106 N 109° 24' 38.395 V 450.0 3.90 3.60 539.8 7.7 -0.8 618,749.09 2.585,147.12 40° 0' 48.106 N 109° 24' 38.395 V 450.0 3.90 3.60 539.8 7.7 -0.8 618,759.8 1 2.585,148.05 40° 0' 48.107 N 109° 24' 38.395 V 450.0 3.00 6.10 12.00 599.6 12.4 0.2 618,753.81 2.585,148.05 40° 0' 48.107 N 109° 24' 38.359 V 660.0 6.60 10.70 659.3 18.5 1.4 618,759.96 2.585,148.14 40° 0' 48.107 N 109° 24' 38.359 V 660.0 7.20 11.20 669.3 18.5 1.4 618,759.96 2.585,149.14 40° 0' 48.207 N 109° 24' 38.359 V 750.0 7.40 12.90 718.8 25.7 2.9 618,767.26 2.585,150.45 40° 0' 48.304 N 109° 24' 38.339 V 750.0 7.80 12.20 748.6 29.6 3.8 618,775.41 2.585,150.05 40° 0' 48.304 N 109° 24' 38.339 V 750.0 7.80 12.20 748.6 29.6 3.8 618,775.41 2.585,150.05 40° 0' 48.304 N 109° 24' 38.329 V 750.0 7.80 11.20 689.1 3.00 80.7 9.8 38.3 47 618,767.41 2.585,150.05 40° 0' 48.304 N 109° 24' 38.329 V 750.0 7.80 11.00 88.6 12.20 77.8 6.9 6.9 6.8 618,754.61 2.585,150.05 40° 0' 48.304 N 109° 24' 38.239 V 750.0 7.80 11.00 88.6 13.30 80.7 9 38.3 56 618,744.96 2.585,150.05 40° 0' 48.304 N 109° 24' 38.239 V 750.0	Survey									
The composition of the composi	Measured	a table a part of the		Vertical		4.747	Man	Man	eller i der olden som	ego por establicado de la composição
CP	10-120-201200200-12-00-27054000000	Inclination	Azimuth		+N/-S	+E/-W				
300.0 0.50 290.20 300.0 0.5 -1.2 618,741.89 2,585,146.90 40° 048,054 N 109° 24° 38,385 V 330.0 0.60 300.10 330.0 0.6 -1.5 618,742.30 2,585,146.91 40° 04,055 N 109° 24° 38,385 V 450.0 2.90 1.01 420.0 1.9 -1.9 618,742.4 2,585,146.26 40° 04,056 N 109° 24° 38,385 V 450.0 2.20 10.10 420.0 1.9 -1.9 618,742.4 2,585,146.26 40° 04,068 N 109° 24° 38,385 V 450.0 2.20 10.10 420.0 1.9 -1.9 618,743.28 2,585,146.23 40° 04,068 N 109° 24° 38,385 V 450.0 2.20 10.10 450.0 2.7 -1.7 618,744 E 2,585,146.23 40° 04,068 N 109° 24° 38,385 V 510.0 3.70 12.30 509.9 5.7 -1.2 618,747.14 2,585,146.33 40° 04,808 N 109° 24° 38,385 V 540.0 3.90 3.60 539.8 7.7 -0.8 618,749.09 2,585,147.71 40° 048,106 N 109° 24° 38,385 V 540.0 3.90 3.60 539.8 7.7 -0.8 618,749.09 2,585,147.71 40° 048,106 N 109° 24° 38,385 V 570.0 4.70 13.80 569.7 3.9 -0.4 618,749.09 2,585,147.71 40° 048,106 N 109° 24° 38,385 V 680.0 5.10 12.00 599.6 12.4 0.2 618,735.31 2,585,146.50 40° 048,107 N 109° 24° 38,385 V 680.0 6.60 10.70 659.3 18.5 1.4 618,759.9 2,585,146.79 40° 048,220 N 109° 24° 38,385 V 680.0 6.60 10.70 659.3 18.5 1.4 618,769.9 2,585,149.14 40° 048,220 N 109° 24° 38,335 V 770.0 7.80 12.20 748.6 29.6 3.8 618,771.5 2,585,150.5 40° 048,202 N 109° 24° 38,335 V 770.0 7.80 12.20 748.6 29.6 3.8 618,771.5 2,585,150.5 40° 048,202 N 109° 24° 38,335 V 770.0 7.80 12.20 748.6 29.6 3.8 618,771.5 2,585,150.5 40° 048,202 N 109° 24° 38,335 V 770.0 7.80 12.0 748.6 29.6 3.8 618,771.5 2,585,150.5 40° 048,202 N 109° 24° 38,335 V 770.0 7.80 12.0 748.6 29.6 3.8 618,771.5 2,585,150.5 40° 048,202 N 109° 24° 38,335 V 770.0 7.80 12.0 748.6 29.6 3.8 618,771.5 2,585,150.5 40° 048,202 N 109° 24° 38,335 V 770.0 7.80 12.0 748.6 29.6 3.8 618,771.5 2,585,150.5 40° 048,202 N 109° 24° 38,330 V 770.0 11.20 689.1 2.0 2.0 11.80 10.10 12.10 867.1 48.0 770 11.80 80.7 11.9 11.0 11.20 867.1 48.0 770 11.20 867.1 48.0 770 11.20 867.1 48.0 770 11.20 867.1 48.0 770 11.20 867.1 48.0 778.3 3.8 40° 048,400 N 109° 24° 38,300 V 790.0 11.0 11.0 12.0 986.6 1.9 40° 11.0 10.0 984.8 70.8 11.0 10.0 984.8 70.8 11.0 10.0 984.8	(ft)			(ft)	(ft)	(ft)			Latitude	Longitude
330.0 0.50 290.20 300.0 0.5 -1.2 618,741.89 2.585,146.90 40° 48.054 N 109° 24° 38.385 V 330.0 0.60 300.10 330.0 0.6 -1.5 618,742.30 2.585,146.94 40° 04.055 N 109° 24° 38.385 V 490.0 0.90 338,70 380.0 0.99 343.80 380.0 0.99 1.3 -1.9 618,742.4 2.585,146.26 40° 04.055 N 109° 24° 38.385 V 490.0 1.20 10.10 420.0 1.9 -1.9 618,742.4 2.585,146.26 40° 04.065 N 109° 24° 38.385 V 490.0 1.20 10.10 420.0 1.9 -1.9 618,743.28 2.585,146.23 40° 04.065 N 109° 24° 38.385 V 490.0 1.20 10.10 420.0 1.9 -1.9 618,743.28 2.585,146.23 40° 04.065 N 109° 24° 38.385 V 490.0 1.20 10.10 450.0 1.7 618,744.18 2.585,146.37 40° 04.065 N 109° 24° 38.385 V 510.0 3.70 12.30 509.9 5.7 -1.2 618,747.14 2.585,146.33 40° 04.076 N 109° 24° 38.385 V 540.0 3.90 3.60 539.8 7.7 -0.8 618,749.09 2.585,147.71 40° 048.106 N 109° 24° 38.385 V 540.0 3.90 3.60 539.8 7.7 -0.8 618,749.09 2.585,147.71 40° 048.106 N 109° 24° 38.385 V 540.0 3.90 3.60 539.8 7.7 -0.8 618,749.09 2.585,147.72 40° 048.106 N 109° 24° 38.385 V 540.0 3.90 3.60 539.8 7.7 -0.8 618,749.09 2.585,147.54 40° 048.106 N 109° 24° 38.385 V 540.0 3.00 5.10 12.00 599.6 12.4 0.2 618,753.81 2.585,146.55 40° 048.106 N 109° 24° 38.385 V 540.0 3.00 5.10 11.00 629.5 15.2 0.8 618,756.69 2.585,148.58 40° 048.11 N 109° 24° 38.385 V 540.0 3.00 5.10 11.00 629.5 15.2 0.8 618,756.69 2.585,148.58 40° 048.20 N 109° 24° 38.350 V 540.0 10.0 11.0 11.0 689.1 12.0 589.1 12.0 12.0 589.1 12.0 12.0 11.0 689.1 12.0 12.0 11.0 689.1 12.0 12.0 11.0 689.1 12.0 12.0 11.0 689.1 12.0 12.0 12.0 11.0 689.1 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12	0.0	0.00	0.00	0.0	0.0	0.0	618.741.46	2.585.148.14	40° 0' 48.049 N	109° 24' 38 369 W
380.0 0.90 3339.70 360.0 0.9 -1.7 618,742.30 2.585,146.41 40° 0' 48.058 N 109° 24' 38.391 42'0.0 1.20 10.10 42'0.0 1.9 -1.9 618,743.28 2.585,146.26 40° 0' 48.058 N 109° 24' 38.393 V 45'0.0 1.20 10.10 45'0.0 2.7 -1.7 618,743.28 2.585,146.23 40° 0' 48.058 N 109° 24' 38.393 V 45'0.0 2.20 10.10 45'0.0 2.7 -1.7 618,743.28 2.585,146.23 40° 0' 48.058 N 109° 24' 38.393 V 45'0.0 2.80 7.30 479.9 4.0 -1.5 618,743.28 2.585,146.33 40° 0' 48.058 N 109° 24' 38.393 V 55'0.0 3.70 12.30 509.9 5.7 -1.2 618,747.13 2.585,146.79 40° 0' 48.05 N 109° 24' 38.385 V 55'0.0 3.70 12.30 509.9 5.7 -1.2 618,747.13 2.585,146.79 40° 0' 48.05 N 109° 24' 38.385 V 55'0.0 4.70 13.80 569.7 9.9 -0.4 618,751.30 2.585,147.12 40° 0' 48.105 N 109° 24' 38.356 V 600.0 5.10 12.00 599.6 12.4 0.2 618,753.81 2.585,148.5 40° 0' 48.05 N 109° 24' 38.356 V 660.0 6.60 10.70 6693 3 18.5 1.4 618,756.69 2.585,149.5 40° 0' 48.05 N 109° 24' 38.356 V 660.0 6.60 10.70 6693 3 18.5 1.4 618,756.69 2.585,149.14 40° 0' 48.22 N 109° 24' 38.356 V 720.0 7.40 12.90 748.8 2.57 2.9 618,767.26 2.585,154.91 40° 0' 48.26 N 109° 24' 38.350 V 720.0 7.40 12.90 748.8 2.57 2.9 618,767.26 2.585,154.91 40° 0' 48.26 N 109° 24' 38.350 V 750.0 7.80 12.20 748.6 29.6 3.3 8 618,771.15 2.585,152.5 40° 0' 48.36 N 109° 24' 38.320 V 750.0 780.0 8.80 12.40 778.3 33.8 4.7 618,756.25 2.585,150.45 40° 0' 48.36 N 109° 24' 38.320 V 750.0 780.0 8.80 12.40 778.3 33.8 4.7 618,756.25 2.585,156.5 40° 0' 48.36 N 109° 24' 38.260 V 750.0 11.10 896.6 53.3 8.8 618,771.15 2.585,152.5 40° 0' 48.34 N 109° 24' 38.250 V 750.0 11.10 896.6 53.3 8.8 618,771.15 2.585,152.5 40° 0' 48.34 N 109° 24' 38.250 V 750.0 11.10 12.10 866.1 53.3 8.8 618,771.15 2.585,152.5 40° 0' 48.36 N 109° 24' 38.250 V 750.0 11.10 12.10 866.1 53.3 8.8 618,771.15 2.585,152.5 40° 0' 48.36 N 109° 24' 38.250 V 750.0 11.10 12.10 866.1 53.3 8.8 618,771.15 2.585,152.5 40° 0' 48.36 N 109° 24' 38.350 V 750.0 11.10 12.10 866.6 53.3 8.8 618,771.15 2.585,152.5 40° 0' 48.36 N 109° 24' 38.350 V 750.0 11.10 12.10 866.1 53.3 8.8 618,771.15 2.585,152.5 40° 0' 48.36 N 10	300.0	0.50								109° 24' 38.385 W
390.0			300.10			-1.5	618,742.00	2,585,146.64		109° 24' 38.388 W
4200 1.20 10.10 420.0 1.9 -1.9 618,743.28 2,585,146.23 40° 0° 48.088 N 109° 24' 38.393 V 4500 2.20 10.10 450.0 2.7 -1.7 618,744.16 2.585,146.37 40° 0° 48.076 N 109° 24' 38.384 V 540.0 2.80 7.30 479.9 4.0 -1.5 618,745.46 2,585,146.53 40° 0° 48.086 N 109° 24' 38.386 V 540.0 3.90 9.60 53.98 7.7 -0.8 618,745.40 2,585,146.73 40° 0° 48.106 N 109° 24' 38.386 V 540.0 3.90 9.60 53.98 7.7 -0.8 618,749.09 2.585,147.12 40° 0° 48.125 N 109° 24' 38.386 V 540.0 3.90 9.60 53.98 7.7 -0.8 618,749.09 2.585,147.12 40° 0° 48.125 N 109° 24' 38.380 V 600.0 5.10 12.00 599.6 12.4 0.2 618,755.30 2,585,147.54 40° 0° 48.125 N 109° 24' 38.380 V 600.0 5.10 12.00 599.6 12.4 0.2 618,755.30 2,585,147.54 40° 0° 48.171 N 109° 24' 38.380 V 660.0 6.10 11.60 629.5 15.2 0.8 618,766.69 2,585,148.56 40° 0° 48.202 N 109° 24' 38.350 V 660.0 6.60 10.70 659.3 18.5 1.4 618,759.99 6.2585,149.14 40° 0° 48.202 N 109° 24' 38.350 V 660.0 7.20 11.20 689.1 22.0 2.1 618,763.52 2,585,149.14 40° 0° 48.202 N 109° 24' 38.350 V 720.0 7.40 12.90 748.8 25.7 2.9 618,767.26 2.585,149.14 40° 0° 48.202 N 109° 24' 38.342 V 720.0 7.40 12.90 748.8 29.6 3.8 618,771.15 2,585,151.25 40° 0° 48.304 N 109° 24' 38.320 V 780.0 8.80 12.40 778.3 33.8 47 618,775.41 2,585,152.25 40° 0° 48.304 N 109° 24' 38.320 V 80.0 8.80 12.40 778.3 33.8 47 618,775.41 2,585,152.59 40° 0° 48.342 N 109° 24' 38.320 V 80.0 8.80 12.40 78.30 8.70 8.70 8.70 8.70 8.70 8.70 8.70 8.7							618,742.30			109° 24' 38.391 W
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1,350.0 13.90 8.30 1,335.6 150.6 25.4 618,892.62 2,585,169.97 40° 0' 49.538 N 109° 24' 38.043 V 1,380.0 13.80 7.90 1,364.7 157.7 26.4 618,899.75 2,585,170.82 40° 0' 49.608 N 109° 24' 38.030 V 1,410.0 13.80 7.40 1,393.9 164.8 27.3 618,906.86 2,585,171.60 40° 0' 49.678 N 109° 24' 38.018 V 1,440.0 13.80 7.80 1,423.0 171.9 28.3 618,913.98 2,585,172.39 40° 0' 49.748 N 109° 24' 38.005 V 1,470.0 13.60 7.80 1,452.1 178.9 29.2 618,921.04 2,585,173.18 40° 0' 49.818 N 109° 24' 37.993 V 1,500.0 13.10 6.40 1,481.3 185.8 30.1 618,927.93 2,585,173.88 40° 0' 49.886 N 109° 24' 37.982 V 1,530.0 13.30 5.50 1,510.5 192.6 30.8 618,934.76 2,585,174.43 40° 0' 49.953 N 109° 24' 37.964 V 1,590.0 13.20 5.60 1,568.9 206.5 32.1 618,948.65 2,585,								2,585,168.09	40° 0' 49.399 N	109° 24' 38.071 W
1,380.0 13.80 7.90 1,364.7 157.7 26.4 618,899.75 2,585,170.82 40° 0' 49.608 N 109° 24' 38.030 V 1,410.0 13.80 7.40 1,393.9 164.8 27.3 618,906.86 2,585,171.60 40° 0' 49.678 N 109° 24' 38.018 V 1,440.0 13.80 7.80 1,423.0 171.9 28.3 618,913.98 2,585,172.39 40° 0' 49.748 N 109° 24' 38.005 V 1,470.0 13.60 7.80 1,452.1 178.9 29.2 618,921.04 2,585,173.18 40° 0' 49.818 N 109° 24' 37.993 V 1,500.0 13.10 6.40 1,481.3 185.8 30.1 618,927.93 2,585,173.88 40° 0' 49.886 N 109° 24' 37.982 V 1,530.0 13.30 5.50 1,510.5 192.6 30.8 618,934.76 2,585,174.43 40° 0' 49.953 N 109° 24' 37.964 V 1,560.0 13.60 5.40 1,539.7 199.6 31.5 618,941.72 2,585,175.44 40° 0' 50.022 N 109° 24' 37.956 V 1,590.0 13.20 5.60 1,568.9 206.5 32.1 618,948.65 2,585,										109° 24' 38.057 W
1,410.0 13.80 7.40 1,393.9 164.8 27.3 618,906.86 2,585,171.60 40° 0' 49.678 N 109° 24' 38.018 V 1,440.0 13.80 7.80 1,423.0 171.9 28.3 618,913.98 2,585,172.39 40° 0' 49.748 N 109° 24' 38.005 V 1,470.0 13.60 7.80 1,452.1 178.9 29.2 618,921.04 2,585,173.18 40° 0' 49.818 N 109° 24' 37.993 V 1,500.0 13.10 6.40 1,481.3 185.8 30.1 618,927.93 2,585,173.88 40° 0' 49.886 N 109° 24' 37.982 V 1,530.0 13.30 5.50 1,510.5 192.6 30.8 618,934.76 2,585,174.43 40° 0' 49.953 N 109° 24' 37.973 V 1,560.0 13.60 5.40 1,539.7 199.6 31.5 618,941.72 2,585,174.93 40° 0' 50.022 N 109° 24' 37.966 V 1,590.0 13.20 5.60 1,568.9 206.5 32.1 618,948.65 2,585,175.44 40° 0' 50.090 N 109° 24' 37.956 V				,						
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1,470.0 13.60 7.80 1,452.1 178.9 29.2 618,921.04 2,585,173.18 40° 0' 49.818 N 109° 24' 37.993 V 1,500.0 13.10 6.40 1,481.3 185.8 30.1 618,927.93 2,585,173.88 40° 0' 49.886 N 109° 24' 37.982 V 1,530.0 13.30 5.50 1,510.5 192.6 30.8 618,934.76 2,585,174.43 40° 0' 49.953 N 109° 24' 37.973 V 1,560.0 13.60 5.40 1,539.7 199.6 31.5 618,941.72 2,585,174.93 40° 0' 50.022 N 109° 24' 37.966 V 1,590.0 13.20 5.60 1,568.9 206.5 32.1 618,948.65 2,585,175.44 40° 0' 50.090 N 109° 24' 37.956 V							,			
1,500.0 13.10 6.40 1,481.3 185.8 30.1 618,927.93 2,585,173.88 40° 0' 49.886 N 109° 24' 37.982 V 1,530.0 13.30 5.50 1,510.5 192.6 30.8 618,934.76 2,585,174.43 40° 0' 49.953 N 109° 24' 37.973 V 1,560.0 13.60 5.40 1,539.7 199.6 31.5 618,941.72 2,585,174.93 40° 0' 50.022 N 109° 24' 37.964 V 1,590.0 13.20 5.60 1,568.9 206.5 32.1 618,948.65 2,585,175.44 40° 0' 50.090 N 109° 24' 37.956 V	1									
1,530.0 13.30 5.50 1,510.5 192.6 30.8 618,934.76 2,585,174.43 40° 0' 49.953 N 109° 24' 37.973 V 1,560.0 13.60 5.40 1,539.7 199.6 31.5 618,941.72 2,585,174.93 40° 0' 50.022 N 109° 24' 37.964 V 1,590.0 13.20 5.60 1,568.9 206.5 32.1 618,948.65 2,585,175.44 40° 0' 50.090 N 109° 24' 37.956 V										
1,560.0 13.60 5.40 1,539.7 199.6 31.5 618,941.72 2,585,174.93 40° 0′ 50.022 N 109° 24′ 37.964 V 1,590.0 13.20 5.60 1,568.9 206.5 32.1 618,948.65 2,585,175.44 40° 0′ 50.090 N 109° 24′ 37.956 V										109° 24' 37.973 W
1,590.0 13.20 5.60 1,568.9 206.5 32.1 618,948.65 2,585,175.44 40° 0' 50.090 N 109° 24' 37.956 V							•			109° 24' 37.964 W
		13.20	5.60	1,568.9	206.5	32.1	618,948.65	2,585,175.44		109° 24' 37.956 W
· · · · · · · · · · · · · · · · · · ·	1,620.0	12.70	5.40	1,598.1	213.2	32.8	618,955.36	2,585,175.92	40° 0' 50.156 N	109° 24' 37.948 W
							•			109° 24' 37.939 W
										109° 24' 37.929 W
										109° 24' 37.921 W
I was a second of the second o							•			109° 24' 37.912 W 109° 24' 37.906 W
							•			109° 24' 37.903 W
							·			109° 24' 37.902 W
							•			109° 24' 37.901 W
	1,890.0	11.90								109° 24' 37.901 W





Company: Project:

Wellbore:

Design:

Site:

Welt:

EOG Resources Uintah County Utah

Chapita Well Unit 1487-1491-26D

#1490-26D Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Database:

Well #1490-26D

True #34 @ 4929.0ft (RKB elev.) True #34 @ 4929.0ft (RKB elev.)

True

Minimum Curvature

vey									
feasured Depth	Inclination		Vertical Depth		.F/W	Map Northing	Map Easting		
(ft)	(°)	Azimutn (°)	(ft)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	Latitude	Longitude
1,920.0	12.20	0.90	1,891.5	275.5	36.4	619,017.70	2,585,178.11	40° 0' 50.772 N	109° 24' 37.90
1,950.0		4.20	1,920.9	281.8	36.7	619,024.09	2,585,178.25	40° 0' 50.835 N	109° 24' 37.89
1,980.0	12.40	6.40	1,950.2	288.3	37.3	619,030.51	2,585,178.69	40° 0' 50.898 N	109° 24' 37.88
2,010.0		7.20	1,979.5	294.6	38.1	619,036.85	2,585,179.30	40° 0' 50.961 N	109° 24' 37.88
2,040.0		7.30	2,008.8	300.6	38.8	619,042.93	2,585,179.93	40° 0' 51.020 N	109° 24' 37.8
2,070.0		6.10	2,038.3	306.5	39.5	619,048.83	2,585,180.48	40° 0' 51.079 N	109° 24' 37.8
2,100.0		6.00	2,067.7	312.4	40.1	619,054.76	2,585,180.97	40° 0' 51.137 N	109° 24' 37.8
2,130.0		5.90	2,097.0	318.5	40.8	619,060.80	2,585,181.46	40° 0' 51.197 N	109° 24' 37.84
2,146.0	12.00	3.90	2,112.7	321.8	41.0	619,064.09	2,585,181.66	40° 0' 51.229 N	109° 24' 37.84
	Surface Ho								
2,244.0		2.10	2,208.6	341.9	42.1	619,084.21	2,585,182.25	40° 0' 51.428 N	109° 24' 37.82
2,275.0		1.60	2,239.0	348.0	42.3	619,090.36	2,585,182.31	40° 0' 51.489 N	109° 24' 37.8
2,307.0		3.80	2,270.4	354.1	42.6	619,096.49	2,585,182.45	40° 0' 51.549 N	109° 24' 37.82
2,337.0		6.60	2,299.9	359.8	43.1	619,102.15	2,585,182.83	40° 0' 51.605 N	109° 24' 37.8
2,369.0		9.80	2,331.3	365.8	44.0	619,108.24	2,585,183.57	40° 0' 51.665 N	109° 24' 37.8
2,400.0		13.10	2,361.7	371.8	45.2	619,114.27	2,585,184.64	40° 0' 51.724 N	109° 24' 37.7
2,430.0		16.80	2,391.0	377.6	46.8	619,120.10	2,585,186.06	40° 0' 51.782 N	109° 24' 37.76
2,461.0		18.10	2,421.5	383.4	48.5	619,125.86	2,585,187.72	40° 0' 51.838 N	109° 24' 37.7
2,492.0		17.60	2,452.0	388.6	50.2	619,131.18	2,585,189.29	40° 0' 51.890 N	109° 24' 37.7
2,523.0		17.40	2,482.5	393.6	51.8	619,136.17	2,585,190.74	40° 0' 51.939 N	109° 24' 37.70
2,554.0		17.00	2,513.1	398.5	53.3	619,141.14	2,585,192.15	40° 0' 51.988 N	109° 24' 37.6
2,585.0		16.30	2,543.7	403.5	54.8	619,146.13	2,585,193.52	40° 0' 52.037 N	109° 24' 37.66
2,617.0		14.70	2,575.2	408.6	56.2	619,151.22	2,585,194.81	40° 0' 52.087 N	109° 24' 37.6
2,649.0		14.70	2,606.8	413.7	57.6	619,156.38	2,585,196.03	40° 0' 52.138 N	109° 24' 37.6
2,680.0		14.50	2,637.3	418.8	58.9	619,161.57	2,585,197.25	40° 0' 52.189 N	109° 24' 37.6
2,712.0		13.80	2,668.8	424.4	60.3	619,167.18	2,585,198.53	40° 0' 52.244 N	109° 24' 37.5
2,744.0		11.60	2,700.2	430.2	61.6	619,173.03	2,585,199.70	40° 0' 52.301 N	109° 24' 37.5
2,776.0		10.10	2,731.6	436.2	62.8	619,179.05	2,585,200.71	40° 0' 52.361 N	109° 24' 37.5
2,808.0		8.00	2,763.0	442.4	63.8	619,185.26	2,585,201.55	40° 0' 52.422 N	109° 24' 37.5
2,839.0		6.60	2,793.4	448.6	64.6	619,191.44	2,585,202.19	40° 0' 52.483 N	109° 24' 37.5
2,871.0		7.40	2,824.7	454.9	65.3	619,197.81	2,585,202.83	40° 0' 52.546 N	109° 24' 37.5
2,903.0		9.50	2,856.1	461.2	66.3	619,204.11	2,585,203.61	40° 0' 52.608 N	109° 24' 37.5
2,935.0		11.90	2,887.5	467.4	67.4	619,210.27	2,585,204.63	40° 0' 52.668 N	109° 24' 37.50
2,966.0		14.50	2,917.9	473.1	68.8	619,216.09	2,585,205.85	40° 0' 52.725 N	109° 24' 37.4
2,998.0		15.40	2,949.3	479.1	70.4	619,222.05	2,585,207.29	40° 0′ 52.784 N	109° 24' 37.4
3,030.0		15.20	2,980.8	484.8	71.9	619,227.84	2,585,208.73	40° 0' 52.841 N	109° 24' 37.4
3,061.0		14.20	3,011.3	490.1	73.3	619,233.10	2,585,209.98	40° 0' 52.893 N	109° 24' 37.4
3,092.0		12.20	3,041.9	495.1	74.5	619,238.16	2,585,211.05	40° 0' 52.942 N	109° 24' 37.4
3,124.0		9.00	3,073.4	500.3	75.5	619,243.37	2,585,211.89	40° 0' 52.994 N	109° 24' 37.3
3,156.0		3.70	3,105.0	505.5	76.0	619,248.60	2,585,212.35	40° 0' 53.045 N	109° 24' 37.3
3,188.0		0.90 358.70	3,136.6	510.6 515.0	76.3	619,253.66	2,585,212.44	40° 0' 53.095 N	109° 24' 37.38
3,218.0 3,250.0		358.00	3,166.2 3,197.9	515.0 519.6	76.2 76.4	619,258.14	2,585,212.33	40° 0' 53.140 N	109° 24' 37.3
3,281.0		359.00	3,197.9	523.9	76.1 76.0	619,262.70 619,266.96	2,585,212.09	40° 0' 53.185 N	109° 24' 37.39
3,313.0		359.30		523.9 528.2		•	2,585,211.88	40° 0' 53.227 N	109° 24' 37.3
3,344.0		1.00	3,260.3 3,291.0	526.2 532.3	75.9 75.9	619,271.27 619,275.42	2,585,211.71	40° 0' 53.269 N	109° 24' 37.3!
3,377.0		0.50	3,323.8	532.3 536.6	75.9 76.0		2,585,211.63 2,585,211.58	40° 0' 53.310 N	109° 24' 37.3!
3,408.0		358.30	3,354.5	540.5	76.0 76.0	619,279.73 619,283.56	2,585,211.58 2,585,211.45	40° 0' 53.353 N 40° 0' 53.391 N	109° 24' 37.39 109° 24' 37.39
3,440.0		357.00	3,386.3	540.5 544.2	75.8	619,287.28	2,585,211.22	40° 0' 53.428 N	109 24 37.39 109° 24' 37.39
3,472.0		359.00	3,366.3 3,418.1	544.2 547.8	75.6 75.7	619,290.87	2,585,211.01		109° 24' 37.3
3,503.0		1.00	3,448.9	547.6 551.3	75.7 75.7			40° 0' 53.463 N	
3,535.0		1.50	3,440.9	555.0	75.7 75.8	619,294.38 619,298.08	2,585,210.92 2,585,210.92	40° 0' 53.498 N 40° 0' 53.534 N	109° 24' 37.39
3,567.0		2.30	3,460. <i>1</i> 3,512.5	558.7	75.6 75.9	619,301.79	2,585,210.92	40° 0' 53.534 N	109° 24' 37.39
3,598.0		6.50	3,543.3	562.0	75.9 76.1	619,301.79	2,585,211.12	40° 0' 53.604 N	109° 24' 37.39
3,629.0		8.90	3,574.2	564.8	76.1 76.5	619,307.90	2,585,211.43	40° 0' 53.631 N	109° 24' 37.39 109° 24' 37.38





Company: Project: Site: Well:

EOG Resources Uintah County Utah

Wellbore: Design:

Chapita Well Unit 1487-1491-26D #1490-26D

Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Database:

Well #1490-26D

True #34 @ 4929.0ft (RKB elev.) True #34 @ 4929.0ft (RKB elev.)

True

Minimum Curvature

Survey									
						•	Taran II		
Measured Depth	Inclination	A-1	Vertical Depth	+N/-S	+E/-W	Map Northing	Map Easting	1.1	
(ft)	(2)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	Latitude	Longitude
3,660.0		11.20	3,605.1	567.2	76.9	619,310.27	2,585,211.79	40° 0' 53.655 N	109° 24' 37.380 W
3,692.0		9.00	3,637.0	569.3	77.3	619,312.42	2,585,212.13	40° 0' 53.676 N	109° 24' 37.375 W
3,723.0		4.50	3,668.0	571.1	77.5	619,314.20	2,585,212.30	40° 0' 53.693 N	109° 24' 37.372 W
3,754.0		1.70	3,698.9	572.6	77.6	619,315.71	2,585,212.35	40° 0' 53.708 N	109° 24' 37.371 W
3,785.0		358.70	3,729.9	573.9	77.6	619,317.01	2,585,212.33	40° 0' 53.721 N	109° 24' 37.371 W
3,816.0		0.10	3,760.9	575.0	77.6	619,318.09	2,585,212.29	40° 0' 53.732 N	109° 24' 37.371 W
3,909.0		334.40	3,853.8	577.0	77.3	619,320.13	2,585,211.96	40° 0' 53.752 N	109° 24' 37.375 W
3,924.7		330.53	3,869.5	577.2	77.2	619,320.31	2,585,211.86	40° 0' 53.754 N	109° 24' 37.376 W
	arget Entry								
4,002.0		298.40	3,946.8	577.8	76.7	619,320.89	2,585,211.31	40° 0' 53.760 N	109° 24' 37.383 W
4,097.0	0.30	285.50	4,041.8	578.1	76.1	619,321.14	2,585,210.70	40° 0' 53.762 N	109° 24' 37.391 W
4,190.0	0.30	219.40	4,134.8	577.9	75.7	619,321.01	2,585,210.31	40° 0' 53.761 N	109° 24' 37.396 W
4,284.0	0.60	211.30	4,228.8	577.3	75.3	619,320.39	2,585,209.91	40° 0' 53.755 N	109° 24' 37.401 W
4,379.0		191.20	4,323.8	576.2	74.9	619,319.30	2,585,209.55	40° 0' 53.744 N	109° 24' 37.406 W
4,473.0	1.20	198.60	4,417.8	574.7	74.5	619,317.72	2,585,209.15	40° 0' 53.729 N	109° 24' 37.412 W
4,566.0	0.90	200.40	4,510.8	573.1	73.9	619,316.10	2,585,208.62	40° 0' 53.713 N	109° 24' 37.419 W
4,659.0	1.00	200.80	4,603.8	571.6	73.3	619,314.64	2,585,208.11	40° 0' 53.699 N	109° 24' 37.426 W
4,754.0	0.50	164.70	4,698.8	570.4	73.2	619,313.46	2,585,207.95	40° 0' 53.687 N	109° 24' 37.428 W
4,848.0	0.70	166.00	4,792.8	569.5	73.4	619,312.52	2,585,208.22	40° 0' 53.678 N	109° 24' 37.425 W
4,941.0	0.60	156.60	4,885.8	568.5	73.7	619,311.53	2,585,208.58	40° 0' 53.668 N	109° 24' 37.421 W
5,035.0		159.70	4,979.8	567.4	74.2	619,310.39	2,585,209.05	40° 0' 53.657 N	109° 24' 37.415 W
5,128.0	0.50	76.00	5,072.7	566.8	74.8	619,309.82	2,585,209.71	40° 0' 53.651 N	109° 24' 37.407 W
5,221.0		52.80	5,165.7	567.1	75.6	619,310.18	2,585,210.42	40° 0' 53.654 N	109° 24' 37.398 W
5,315.0		77.70	5,259.7	567.4	76.3	619,310.53	2,585,211.14	40° 0' 53.657 N	109° 24' 37.388 W
5,409.0		64.60	5,353.7	567.7	77.0	619,310.82	2,585,211.91	40° 0' 53.660 N	109° 24' 37.378 W
5,502.0		50.60	5,446.7	568.1	77.7	619,311.26	2,585,212.58	40° 0' 53.664 N	109° 24' 37.370 W
5,598.0		80.50	5,542.7	568.5	78.4	619,311.60	2,585,213.22	40° 0' 53.668 N	109° 24' 37.361 W
5,693.0		121.50	5,637.7	568.3	79.0	619,311.50	2,585,213.84	40° 0' 53.666 N	109° 24' 37.353 W
5,787.0		111.40	5,731.7	568.1	79.5	619,311.25	2,585,214.35	40° 0' 53.664 N	109° 24' 37.347 W
5,880.0		149.10	5,824.7	567.6	80.0	619,310.75	2,585,214.84	40° 0' 53.659 N	109° 24' 37.341 W
5,973.0		153.00	5,917.7	566.6	80.5	619,309.77	2,585,215.41	40° 0' 53.649 N	109° 24' 37.334 W
6,066.0		162.00	6,010.7	565.0	81.1	619,308.20	2,585,216.07	40° 0′ 53.633 N	109° 24' 37.326 W
6,160.0		233.00	6,104.7	563.7	81.1	619,306.94	2,585,216.10	40° 0' 53.621 N	109° 24′ 37.326 W
6,253.0		206.00	6,197.7	563.1	80.6	619,306.25	2,585,215.58	40° 0′ 53.614 N	109° 24' 37.333 W
6,347.0		180.70	6,291.7	562.0	80.4	619,305.14	2,585,215.38	40° 0' 53.603 N	109° 24' 37.336 W
6,441.0		169.40	6,385.7	560.4	80.5	619,303.60	2,585,215.57	40° 0' 53.588 N	109° 24' 37.334 W
6,533.0 6,627.0		112.70 107.60	6,477.7 6,571.7	559.5 559.2	80.9 81.6	619,302.65 619,302.42	2,585,215.98 2,585,216.68	40° 0' 53.578 N 40° 0' 53.576 N	109° 24' 37.329 W 109° 24' 37.320 W
6,720.0		119.10	6,664.7	558.8	82.6	619,302.42			109° 24' 37.320 W
6,720.0 6,813.0		142.50	6,757.6	558.1	82.6 83.4	619,302.02	2,585,217.65 2,585,218.51	40° 0' 53.572 N 40° 0' 53.565 N	109° 24' 37.296 W
6,908.0		142.50	6,852.6	556.9	84.3	619,300.16	2,585,219.45	40° 0′ 53.553 N	109° 24' 37.285 W
7,003.0		136.60	6,947.6	555.7	85.3	619,299.05	2,585,220.44	40° 0' 53.542 N	109° 24' 37.272 W
7,003.0		135.96	6,977.3	555.5	85.6	619,298.78	2,585,220.71	40° 0' 53.539 N	109° 24' 37.269 W
· · · · · ·	0.70 River Top 149		0,577.0	333.3	00.0	013,230.70	2,000,220.71	40 0 33.33311	103 24 37.203 11
7,096.0		134.90	7,040.6	554.8	86.2	619,298.14	2,585,221.37	40° 0' 53.533 N	109° 24' 37.261 W
7,090.0		106.60	7,040.6	554.2	87.1	619,297.54	2,585,222.22	40° 0' 53.527 N	109° 24' 37.250 W
7,190.0		128.80	7,134.6	553.9	87.6	619,297.26	2,585,222.80	40° 0' 53.524 N	109° 24' 37.243 W
7,234.0 7,379.0		128.80	7,323.6	553.5 553.5	88.1	619,296.85	2,585,223.33	40° 0' 53.519 N	109° 24' 37.236 W
7,473.0		156.10	7,323.6	552.8	88.6	619,296.13	2,585,223.83	40° 0' 53.512 N	109° 24' 37.230 W
7,569.0		165.40	7,513.6	551.3	89.1	619,294.72	2,585,224.33	40° 0' 53.498 N	109° 24' 37.230 W
7,662.0		164.60	7,606.6	549.4	89.6	619,292.85	2,585,224.88	40° 0' 53.480 N	109° 24' 37.217 W
7,754.0		169.20	7,698.5	547.4	90.1	619,290.83	2,585,225.40	40° 0' 53.459 N	109° 24' 37.211 W
7,848.0		168.00	7,792.5	545.2	90.5	619,288.67	2,585,225.89	40° 0' 53.438 N	109° 24' 37.205 W
7,942.0		159.50	7,886.5	542.7	91.3	619,286.18	2,585,226.71	40° 0' 53.413 N	109° 24' 37.196 W
8,036.0		171.20	7,980.4	540.2	92.0	619,283.68	2,585,227.46	40° 0' 53.388 N	109° 24' 37.187 W
5,000.0			.,,,,,,	<u> </u>		0.0,200.00	_,~~,	.0 0 00.000 11	





Company: Project: EOG Resources Uintah County Utah

Site: Chapita Well Unit 1487-1491-26D

Well: #1490-26D Wellbore: Wellbore #1 Design: Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well #1490-26D

True #34 @ 4929.0ft (RKB elev.) True #34 @ 4929.0ft (RKB elev.)

True

Minimum Curvature

vey leasured Depth (ft)	Inclination	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ff)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
8,129.0	1.40	167.90	8,073.4	538.0	92.4	619,281.46	2,585,227.92	40° 0' 53.366 N	109° 24' 37.181
8,222.0	1.40	164.70	8,166.4	535.8	92.9	619,279.26	2,585,228.51	40° 0' 53.344 N	109° 24' 37.17
8,314.0	1.50	153.50	8,258.4	533.6	93.7	619,277.12	2,585,229.40	40° 0' 53.323 N	109° 24' 37.16
8,409.0	1.60	158.90	8,353.3	531.3	94.8	619,274.80	2,585,230.48	40° 0' 53.300 N	109° 24' 37.15
8,502.0	1.90	156.00	8,446.3	528.6	95.9	619,272.20	2,585,231.64	40° 0' 53.274 N	109° 24' 37.13
8,624.0	2.20	145.70	8,568.2	524.9	98.0	619,268.47	2,585,233.87	40° 0' 53.237 N	109° 24' 37,10
8,691.0	2.30	146.20	8,635.2	522.7	99.5	619,266.33	2,585,235.39	40° 0' 53.215 N	109° 24' 37.09
8,786.0	2.30	145.30	8,730.1	519.5	101.6	619,263.23	2,585,237.61	40° 0' 53.184 N	109° 24' 37.06
8,880.0	2.40	145.50	8,824.0	516.4	103.8	619,260.11	2,585,239.87	40° 0' 53.153 N	109° 24' 37.03
8,975.0	2.30	144.00	8,918.9	513.2	106.1	619,256.98	2,585,242.19	40° 0' 53.121 N	109° 24' 37.00
9,068.0	2.80	143.70	9,011.8	509.8	108.5	619,253.70	2,585,244.71	40° 0' 53.088 N	109° 24' 36.97
9,133.0	2.90	149.40	9,076.7	507.1	110.3	619,251.04	2,585,246.55	40° 0' 53.061 N	109° 24' 36.95
9,315.0	2.70	158.00	9,258.5	499.2	114.2	619,243.20	2,585,250.68	40° 0' 52.983 N	109° 24' 36.90
9,375.0	2.70	158.00	9,318.5	496.6	115.3	619,240.61	2,585,251.80	40° 0' 52.957 N	109° 24' 36.88
Project	ion to TD - F	PRHI 1490				•			

Targets Target Name - hit/miss target - Shape		Dip Dir.	Ţ <u>y</u> o	THE STATE OF THE STATE OF THE SERVICE OF THE SERVIC	+EJ-W	Northing	Easting		
	(9)	(°)	·(ft)	(ft)	(ft)	(ft)	(m)	Latitude	Longitude
PBHL 1490 - actual wellpath m - Circle (radius 50.		0.00 center by 4	9,325.0 14.4ft at 937	536.2 75.0ft MD (931	96.3 18.5 TVD, 4	619,279.74 96.6 N, 115.3 E	2,585,231.94)	40° 0' 53.348 N	109° 24' 37.130 W
Price River Top 1490 - actual wellpath m - Point	nisses target o	0.00 center by 2	6,977.0 22.1ft at 703	536.2 32.7ft MD (697	96.3 77.3 TVD, 5	619,279.74 555.5 N, 85.6 E)	2,585,231.94	40° 0' 53.348 N	109° 24' 37.130 W
1490 Target Entry - actual wellpath m - Point	0.00 nisses target o	0.00 center by 4	3,870.0 I5.3ft at 392	536.2 24.6ft MD (386	96.3 69.4 TVD, 5	619,279.74 77.2 N, 77.2 E)	2,585,231.94	40° 0' 53.348 N	109° 24' 37.130 W

Design Annotations Measured Depth (ft)	Vertical Depth (ft)	Local Coord +N/-S (ff)	inates +E/-W (ft)	Comment
2,146.0	2,112.7	321.8	41.0	Tie into Surface Hole Surveys
9,375.0	9,318.5	496.6	115.3	Projection to TD

		1.00		
Ole and the A.D.			—	
Checked By:	Approved By:		Date:	
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